LANDIS No. 12

MODEL F

STITCHER

INSTRUCTION BOOK AND PARTS CATALOG

Landis BRAND

Fayscott Landis Machine Corp.

Sales Office
St. Louis, Mo.

Factory
Dexter, Maine

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Introduction

IN PRESENTING this Book of Instructions, it is our aim to make it as plain and clear as possible. We have taken each important part of the machine separately and explained its duties and adjustments in a way that, we believe, will enable any operator to get successful and satisfactory results.

The instructions should be studied carefully before attempting to do any work on the machine. Time given to the thorough understanding of the machine will be money saved after the machine is put in operation.

The machine is made of the best material obtainable and the workmanship is first-class in every respect. Special Heat Treated Alloy Steel Forgings are used on all parts susceptible to wear.

All parts are manufactured to accurate gauges and are interchangeable. Parts purchased to replace worn or broken members will be found to fit perfectly.

Every machine is subjected to rigid test before leaving the factory and is known to be in condition to do perfect sewing.

FAYSCOTT LANDIS MACHINE CORP.

SPECIAL INSTRUCTIONS

FOR the care and operation of the Landis No. 12 Model F Curved Needle and Awl Shoe Stitcher.

The successful operation of all hard wax sewing machines depends, very largely, upon three primary conditions:

FIRST: The machine must be kept clean. The accumulation of dirt and grit will do more to wear it out than actual operation under proper conditions. A few minutes' attention each day and a thorough cleaning with kerosene once a week will save a lot of trouble and prolong the working life of the machine.

SECOND: The machine must be kept well oiled. Ordinary machine oil is not good enough for a machine that has to be kept hot. A heavy Fire Proof Oil is the proper thing. We have a special oil which we use and which we recommend and are prepared to furnish to users of our machine. This is a most important matter, and operators will do well to pay strict attention to the oiling of their machines.

THIRD: The machine when in operation must be kept thoroughly hot and will not operate properly unless in this condition. We use electric units and heat is applied directly to the essential parts in the proper proportions. Our Thermostat Control gives correct amount of heat, making it possible for the operator to keep the machine at the right temperature under any condition.

Remember the machine must be hot before it will produce good work.

Operator's Instructions

on

No. 12 Landis Shoe Stitcher

OIL MACHINE THOROUGHLY ONCE A DAY

Clean wax pot frequently and add a little fresh wax occasionally. Old or burned wax will cause thread to break.

Machine must be well heated and wax in wax pot must be in good condition before attempting to sew. Thread rolls must turn freely before making any adjustments on machine. Clean thread rolls with kerosene and oil them thoroughly. Rubber strippers should be replaced if worn out.

I—SETTING OF THE NEEDLE

See cut "C"—Page No. 7.

To set needle, turn over machine until awl starts to feed; then, adjust needle so that the barb of the needle clears needle guide about 1/16 of an inch.

II—SETTING AND LINING UP AWL

Set awl with needle so it clears needle about 1/16 of an inch. Keep awl sharp and do not use a bent awl.

Awl must be in line with the needle. (See cut next page.) When machine feeds, the awl springs to the right, therefore, perfect adjustment is obtained when awl is slightly to the left of the needle. Should the awl be out of line, try a new awl and, if it appears the same, then line awl. To line up awl, loosen screw No. F26-305 and turn adjustment screw No. F26-205. See cut "B"—Page 7.

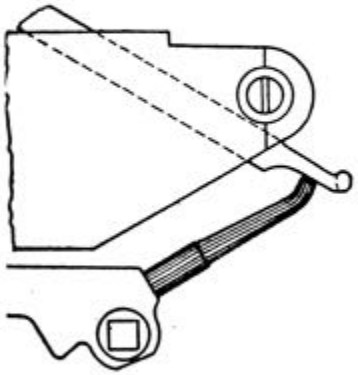
III—LOOPER No. F29-5

Set looper so that it throws thread 1/16 of an inch above barb of needle. Looper must also clear threadhook No. F29-6. Sharp edges on looper will cause the thread to fray or break. (See cut next page.)

IV—LIFTER No. F29-10

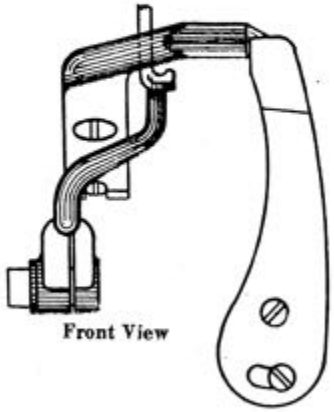
Thread lifter should be set so that it passes as close as possible to point of needle and must separate the two threads when needle comes up at this point. Thread lifter should be set close to shuttle. See cuts "D" and "E"—Page 7.

To adjust lifter No. F29-10 up or down, loosen screw No. F29-310 and turn eccentric No. F29-210 to get right position.

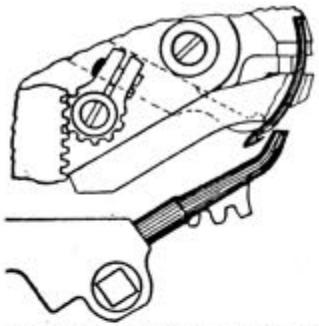


Side View

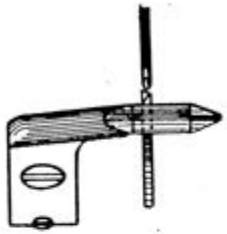
Looper Must Clear Thread Hook



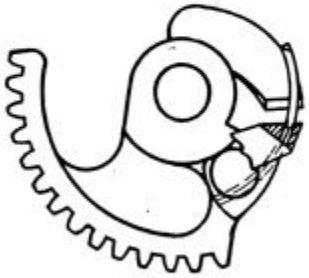
Front View



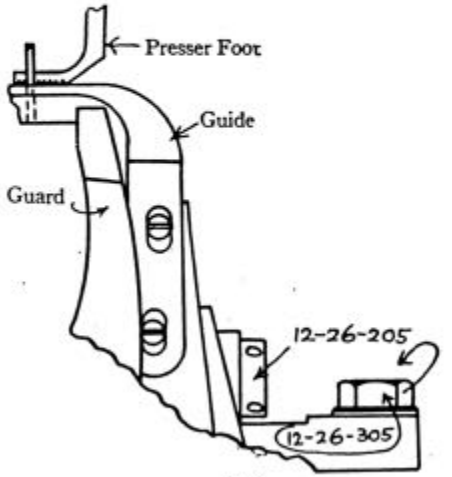
Looper so that it Throws Thread of an Inch Above Barb of Needle



Awl must always be set slightly to the left of needle



"A"



"B"

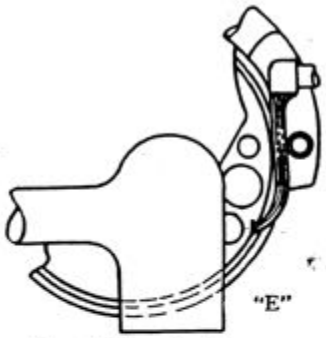
To line up awl loosen screw No. F26-305 and turn adjustment screw No. F26-205

"C"

Barb of Needle Must Clear Needle Guide About $\frac{1}{12}$ of an Inch when in a position at the time the Awl is feeding to the left

"D"

Thread Lifter must pass as close as possible to point of needle



"E"

Thread Lifter should be set close to shuttle at this point

Operator's Instructions

on

No. 12 Landis Shoe Stitcher

(Continued)

V—TENSION

Adjust tension to prevent an uneven amount of thread being drawn from the wax pot.

If tension is too tight, the lock will be placed unevenly in the sole. The result will be ripped work.

Before adjusting the tension be sure that thread rolls and the felt washers of the tension are clean.

Strippers should be replaced when worn out.

Adjust stripper tight enough so that it strips the wax off the thread. When stripper is too tight it will act like a tension and will cause thread to break.

VI—BOBBIN TENSION

Thread in bobbin must pull freely. Should bobbin thread pull hard it is caused by either burned thread or bobbin case gummed up with old wax. Oil and clean bobbin case often.

When machine is heated, but not in use, take out bobbin case. This will prevent thread from being burned.

To increase tension on bobbin thread, turn Tension Cam on side of bobbin case.

VII—THREAD LOCK LEVER

To test thread lock lever, turn machine over until take up lever is at its lowest point, then pull on thread. Thread must not slip through lock roll when machine is in this position.

To adjust thread lock lever. Loosen Front Nut No. F28-308 on part No. F28-8 and tighten Rear Nut; this will increase lock pressure. To decrease lock pressure, reverse adjustments.

Care must be taken not to use too much pressure on lock lever, as it will crush the thread and bind cam roll.

VIII—THREAD MEASURE

To adjust thread measure, see that Eccentric Stud No. F27-216 is in neutral position. The shortest corner of the hexagonal head on this stud must be toward the front of machine.

Loosen screw No. F27-316 and turn Eccentric Stud, up for more thread or down for less thread.

The thread should be locked half way thru a single piece of leather sewed by itself.

The function of this device is to make a uniform lock, in the different thicknesses of soles automatically.

Operator's Instructions

on

No. 12 Landis Shoe Stitcher

(Continued)

IX—Heating

The machine is heated by four Electric Units placed at the Wax Pot, Take-Up, Shuttle, and Bobbin Winder, each one of the proper size to take care of its particular duty so that the machine is uniformly heated. We also furnish a Rheostat or Heat Regulator which gives a wide variation of heat to suit any climatic condition. Keep the wax just below the boiling point and the entire machine will be at the proper working temperature.

In changing from 110 to 220 volts or vice versa, it is necessary to change copper links on terminal block. See wiring diagram on back of Switch Box Cover or write for diagram.

X—Sewing

To sew properly, let the machine do the feeding. Do not CROWD or RETARD the feeding of the work into the machine. Do not FORCE the machine to take a longer stitch than the one it is set for, as this will bend the needle, causing the thread to fray and break, also causing the needle to break. Do not RETARD the feed as this will bend the awl, causing it to get out of line.

Do not TWIST or otherwise DISTORT the work when feeding the machine. Needles and awls are very easily sprung, and when so sprung the machine will not do satisfactory work.

All that is required of the operator is to guide the work, and the machine will feed properly and sew a smooth, even stitch.

The machine may be in perfect adjustment and still fail to do satisfactory sewing if the operator is careless in handling his work.

Size of Thread, Needles and Awls

A little experience will soon enable the operator to select the size of needle best suited for his work. The following table may be used as a general guide for the size of needles used for the different sizes of thread.

For 4 to 6 stitches per inch, 9 cord thread, No. 24-45 Needle and 24-43 Awl.

For 7 to 9 stitches per inch, 8 cord thread, No. 23-47 Needle and 23-45 Awl.

For 10 stitches per inch, 7 cord thread, No. 22-50 Needle and 22-47 Awl.

For 12 stitches per inch, 6 cord thread, No. 21-52 Needle and 21-50 Awl.

For 14 stitches per inch, 5 cord thread, No. 20-54 Needle and 20-52 Awl.

Landis Needles are numbered 24-45, 23-47, 22-50, 21-52 and 20-54.

Landis Awls are numbered 24-43, 23-45, 22-47, 21-50 and 20-52.

The number 20-54 is the smallest needle and the number 20-52 is the smallest Awl.

The first number of the size is the original Landis number; the second number of the size is the American number.

Speed of the Machime

The No. 12 Shoe Stitcher should be run at a speed of 250 to 300 revolutions per minute. To get this speed the lower shaft should run about 600 revolutions per minute. When the machine is coupled to the drive-shaft of a LANDIS FINISHING OUTFIT which has a speed of 850 revolutions per minute, it will require a 4-inch dia. pulley on the Finisher Shaft and 6-inch dia. pulley on the Stitcher Shaft. Drive for 400-Line Finisher furnished when needed.

WRENCH LIST

No.	
WO	Socket Wrench for Presserfoot Retaining Screw
W1	Socket Wrench for Needle and Awl Clamp
W2	Socket Wrench for Needle Guide Screw
W3	Offset Wrench for Segment Binding Screw
W4	Single End Wrench for Bobbin Lock Nuts
W5	Double End Wrench
W6	Stripper Adjusting Pin
W7	Socket Wrench for Looper Binding Screw
W38	¼" Hollow Head Set Screw Wrench
31-913H	Threading Wire

Refer to Page 12 of Landis **General Supplies List** for a complete List of Wrenches Used on all Landis Equipment.

IMPORTANT

INSTRUCTIONS FOR ORDERING PARTS

The pictures on the following pages show clearly the parts that are used, with reference to Section Number and Part Number.

Do not order parts by name only. Order by Section Number and Part Number as given in the list as well as by name.

Always give us the Serial Number of your machine.

For example: The owner of machine No. 435 wants to order a new Needle Plate, Short Stitch Lip only. By referring to Page No. 14 you will note the Needle Plate Short Stitch Lip only is designated as Section No. 24 Part No. 8HA or 24-8HA. The order should read, "Needle Plate Short Stitch Lip only No. 24-8HA for Landis No. 12 Stitcher No. 435".

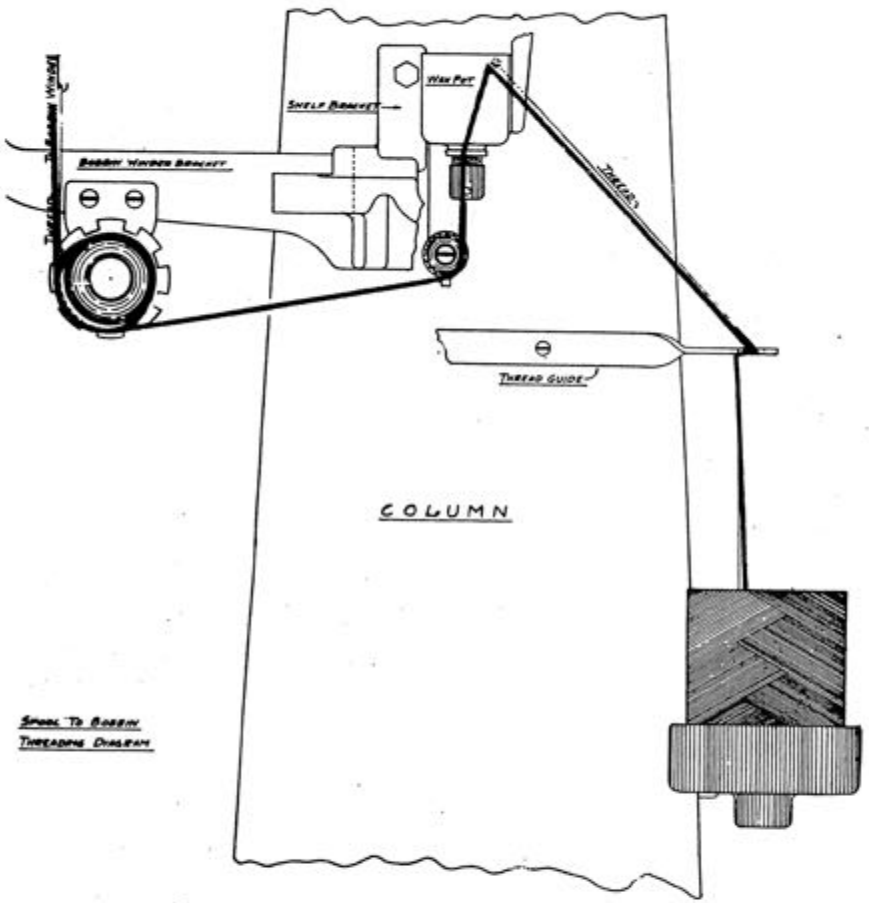
METHOD OF LISTING PARTS

The different parts of the No. 12 Landis Shoe Stitcher have been arranged in groups for convenience and are designated in this catalogue as section Numbers 21 to 32, inclusive. The chief parts in each section, that is the castings and forgings, are numbered from 1 to 100. The smaller parts, such as screws, studs, springs, etc., are numbered in accordance with the table given below.

The number designating any particular part of the machine is made up of the section number and the part number.

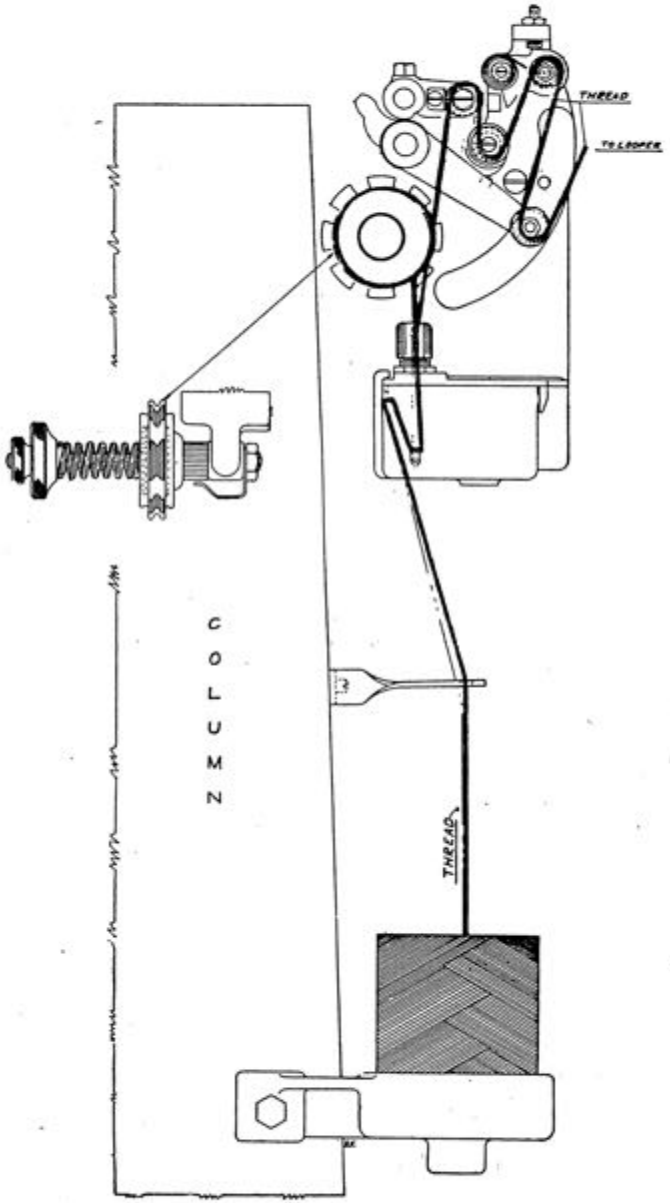
Main Parts, Castings and Drop Forgings	are numbered	1 to	100
Washers, Collars and Rolls	are numbered	101 to	200
Studs	are numbered	201 to	300
Screws and Nuts	are numbered	301 to	400
Shafts	are numbered	401 to	500
Pins and Rivets	are numbered	501 to	600
Punchings and Stampings	are numbered	601 to	700
Springs	are numbered	701 to	800
Wire Connections	are numbered	801 to	900
Miscellaneous Parts	are numbered	901 to	1000

Threading Diagram
for
Bobbin Winder Thread



Spool To Bobbin
Threading Diagram

Threading Diagram
for
Sewing or Machine Thread



Landis No. 12—Operator's Parts List

Needle Guides

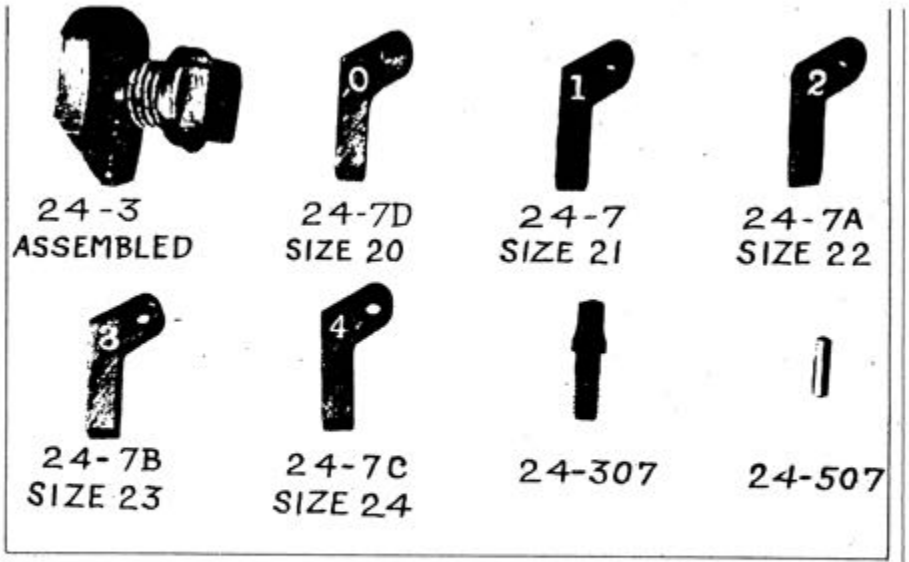
Part No.	Name of Part
24-3	Needle Clamp, Assembled
24-7	Needle Guide, Size No. 21-52
24-7A	Needle Guide, Size No. 22-50
24-7B	Needle Guide, Size No. 23-47
24-7C	Needle Guide, Size No. 24-45
24-7D	Needle Guide, Size No. 20-54
24-7K	Needle Guide, Size No. 25-43
24-307	Needle Guide Retaining Screw
24-507	Needle Guide Dowel Pin

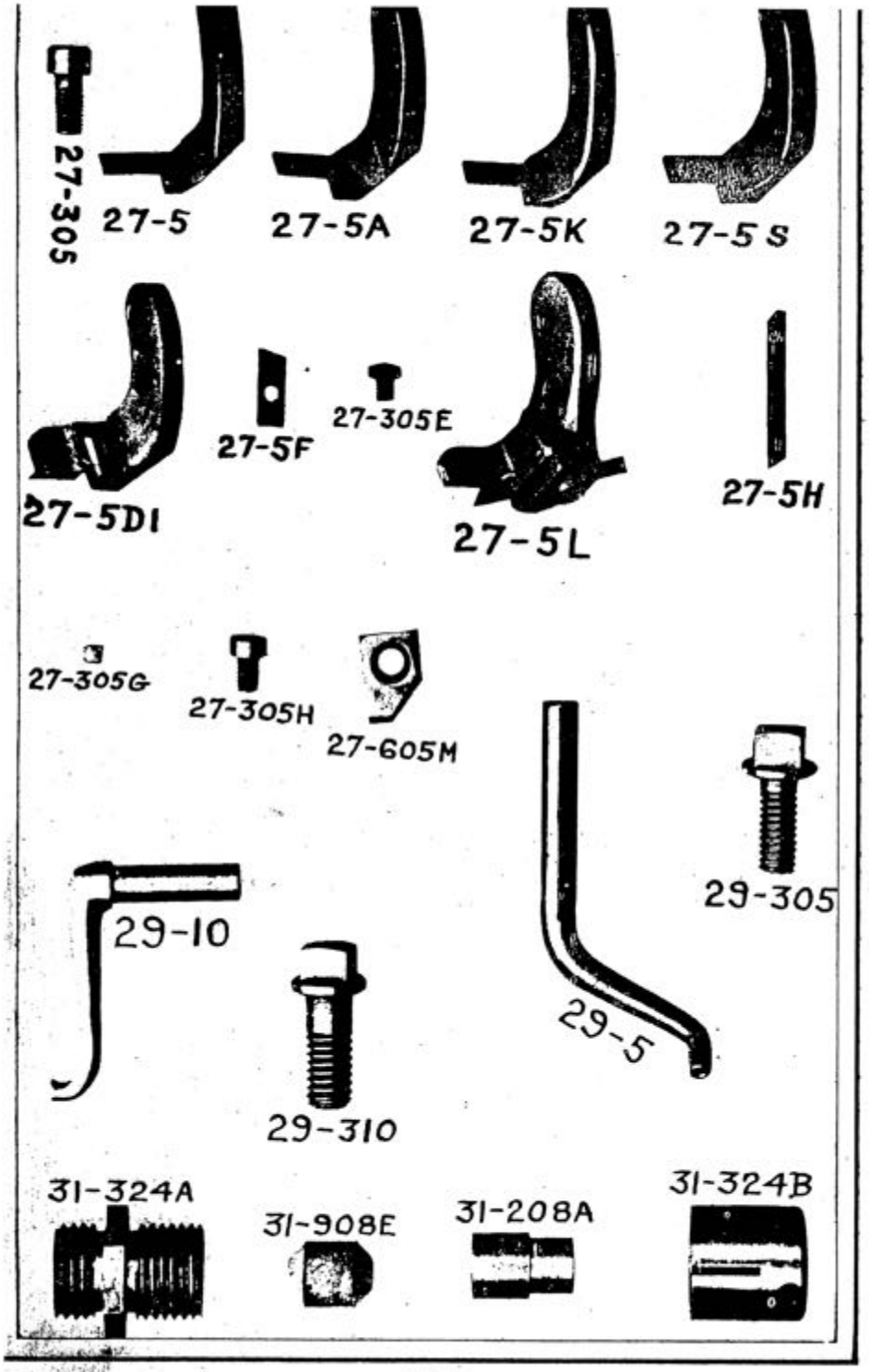
Needle Plates

24-8.	Long Stitch Plate
24-8A	Short Stitch Plate
24-8G	Stitch Down Plate
24-8H	Long Stitch Plate Lip only
24-8HA	Short Stitch Plate Lip only
24-8J	Long Stitch Plate Block only
24-8JA	Short Stitch Plate Block only
24-8K	Long Stitch Plate Block and Lip
24-8KA	Short Stitch Plate Block and Lip
24-8S	Special Short Stitch Plate
24-308	Needle Plate Retaining Screw
26-11	Awl Clamp, Assembled

Presserfoot

27-5	Plain Bottom, Short Stitch Presserfoot
27-5A	Corrugated Bottom Short Stitch Presserfoot
27-5D1	Channel Presserfoot Style No. 1
27-5E	Channel Knife for Style No. 1
27-5F	Stitch Wiper Presserfoot, ¼" Slot (27-5FB, ⅛" Slot)
27-5H	Channel Knife for Style No. 3
27-5J	Corrugated Bottom Long Stitch Presserfoot
27-5K	Corrugated Bottom Short Stitch Presserfoot
27-5L	Channel Presserfoot Style No. 3
27-5M	Channel Knife
27-5S	Corrugated Bottom Short Stitch Presserfoot, Special
27-305	Presserfoot Retaining Screw
27-305E	Channel Knife Retaining Screw for Style No. 1
27-305G	Channel Knife Adjusting Screw for Style No. 3
27-305H	Channel Knife Clamp Screw for Style No. 3
27-605H	Channel Knife Clamp
27-605M	Channel Knife Clamp
29-5	Looper
29-10	Thread Lifter
29-305	Looper Binding Screw
29-310	Thread Lifter Binding Screw
31-208A	Wax Pot Stripper Stud
31-324A	Wax Pot Stripper Screw
31-324B	Wax Pot Stripper Binding Nut
31-908E	Wax Pot Stripper Rubber

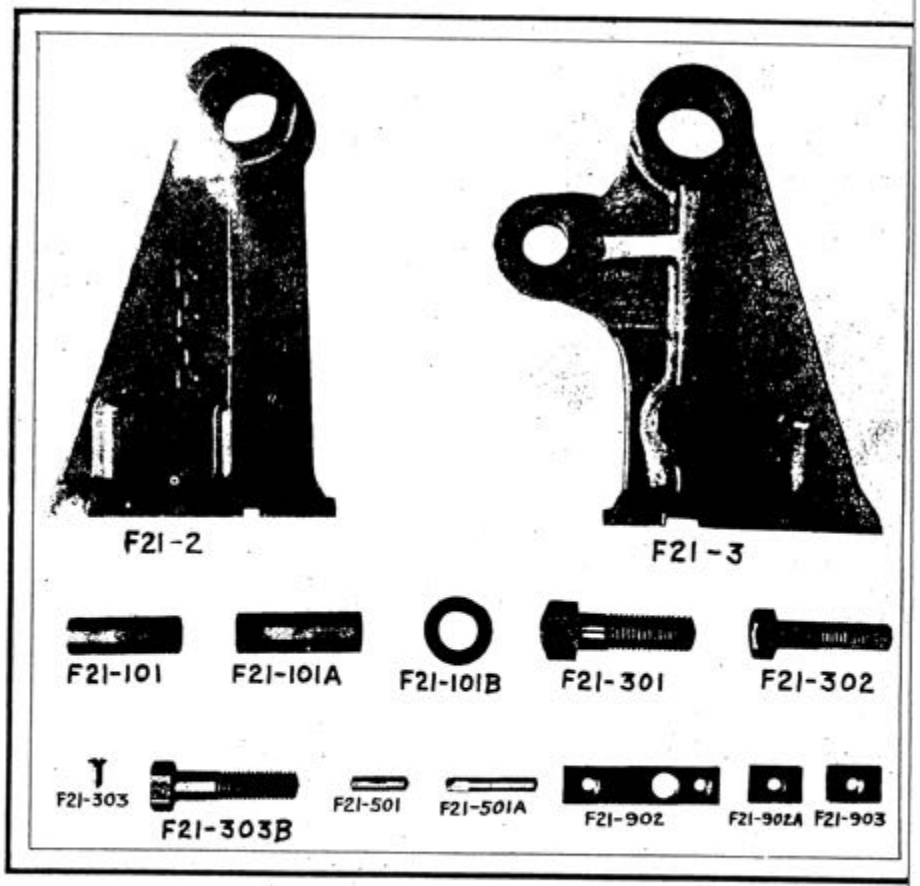




Section No. F21

Base

Part No.	Reqd.	Name of Part
F21-1	1	Base of Machine.....Not Available
F21-2	1	Right Hand Cam Shaft Column.....
F21-3	1	Left Hand Cam Shaft Column with F28-201A, Ret. Screw & Oil Cup
F21-101	1	Thread Measure Shaft Bushing.....
F21-101A	1	Take Up Lever Bushing.....
F21-101B	2	Lock Washer, Base to Stand Screw.....
F21-301	2	Screw for Base to Stand.....
F21-302	2	Screw for R. H. Cam Shaft Column.....
F21-303	5	Seating Key Retaining Screw.....
F21-303B	2	Screw for L. H. Cam Shaft Column.....
F21-501	2	Auxiliary Take Up Bracket Dowel Pin.....
F21-501A	1	Presserfoot Cam Lever Pawl Releasing Pin.....
F21-902	1	R. H. Cam Shaft Column Seating Key.....
F21-902A	1	R. H. Cam Shaft Column Seating Key.....
F21-903	2	L. H. Cam Shaft Column Seating Key.....

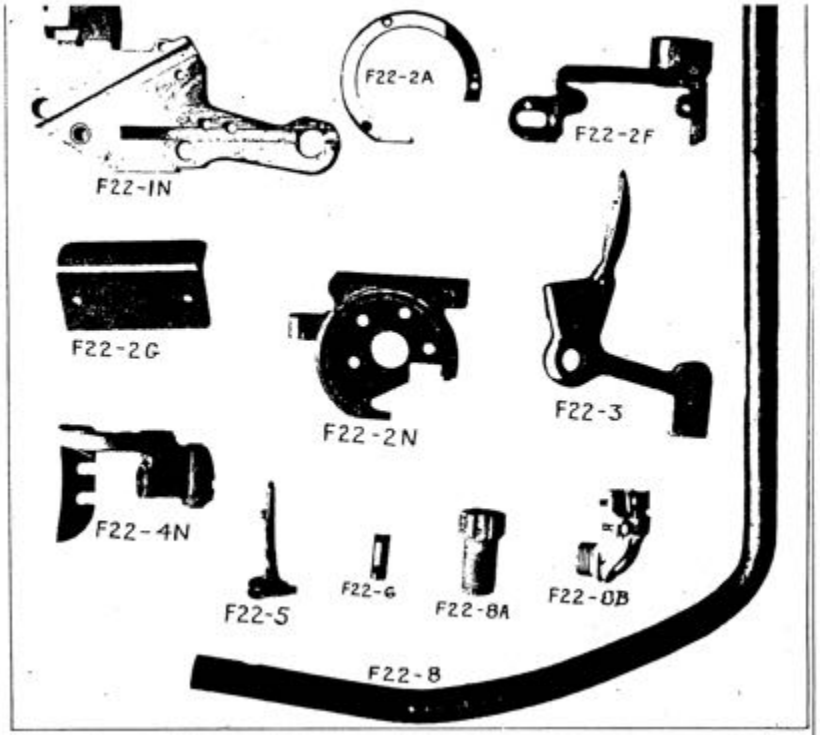


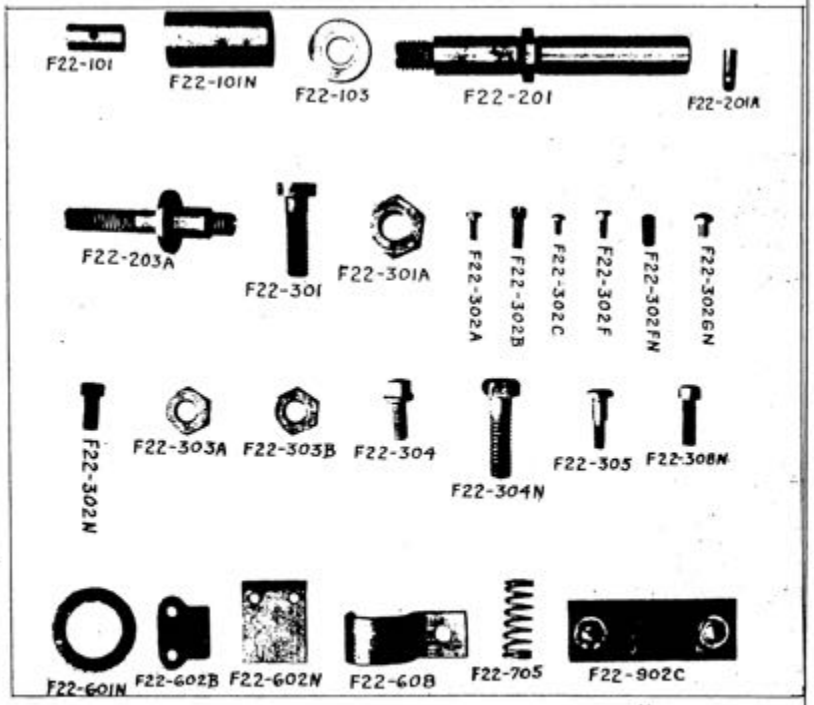
When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

Landis No. 12—Section No. F22

Head Mechanism

Part No.	Reqd.	Name of Part
F22-1N	1	Head. Order K22-1N with K22-201B and K22-301B
F22-2A	1	Shuttle Ring (Bronze)
F22-2F	1	Shuttle Heat Unit Guard
F22-2G	1	Shuttle Heat Unit Guard Cover
F22-2N	1	Shuttle Case
F22-3	1	Bobbin Case Guide Arm
F22-4N	1	Guide Arm Bracket
F22-5	1	Bobbin Case Guide Arm Locking Lever
F22-6	1	Bobbin Case Guide Arm Locking Pawl
F22-8	1	Shuttle Conduit
F22-8A	1	Shuttle Conduit Connection Extension
F22-8B	1	Shuttle Conduit Connector
F22-101	1	Bushing for Needle Guide Driving Pinion
F22-101N	1	Bronze Bushing for Head
F22-103	1	Guide Arm Retaining Washer
F22-201	1	Stud for Head
F22-201A	1	Screw Dowel for Needle Plate
F22-203A	1	Guide Arm Adjusting Pivot Stud
F22-301	1	Screw for Head
F22-301A	1	Nut for Head Stud
F22-302A	2	Shuttle Ring Screw (Flat Head)
F22-302B	2	Thread Hook Race Cap Retaining Screw
F22-302C	1	Shuttle Ring Screw (Round Head)
F22-302F	2	Shuttle Unit Clamp Retaining Screw
F22-302FN	1	Shuttle Unit Guard Conduit Retaining Screw
F22-302GN	2	Shuttle Unit Guard Cover Retaining Screw
F22-302N	4	Shuttle Case to Head Retaining Screw
F22-303A	1	Nut for Guide Arm Retaining Washer
F22-303B	1	Lock Nut Guide Arm Pivot Stud Nut
F22-304	2	Guide Arm Bracket Retaining Screw
F22-304N	1	Guide Arm Bracket Brace Screw
F22-305	1	Locking Lever Pivot Screw
F22-308N	1	Shuttle Conduit Clamp Screw
F22-601N	1	Wear Ring for Shuttle Driver
F22-602B	1	Cap for Thread Hook Race
F22-602N	1	Shuttle Unit Clamp
F22-608	1	Shuttle Conduit Clamp
F22-705	1	Locking Lever Spring
F22-902C	1	Shuttle Electric Unit



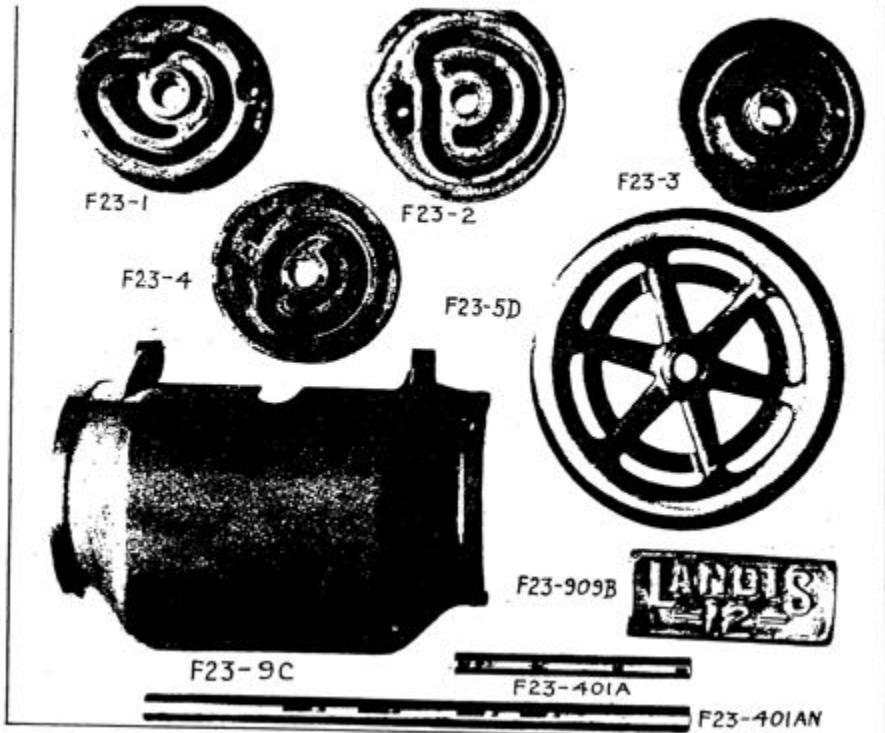


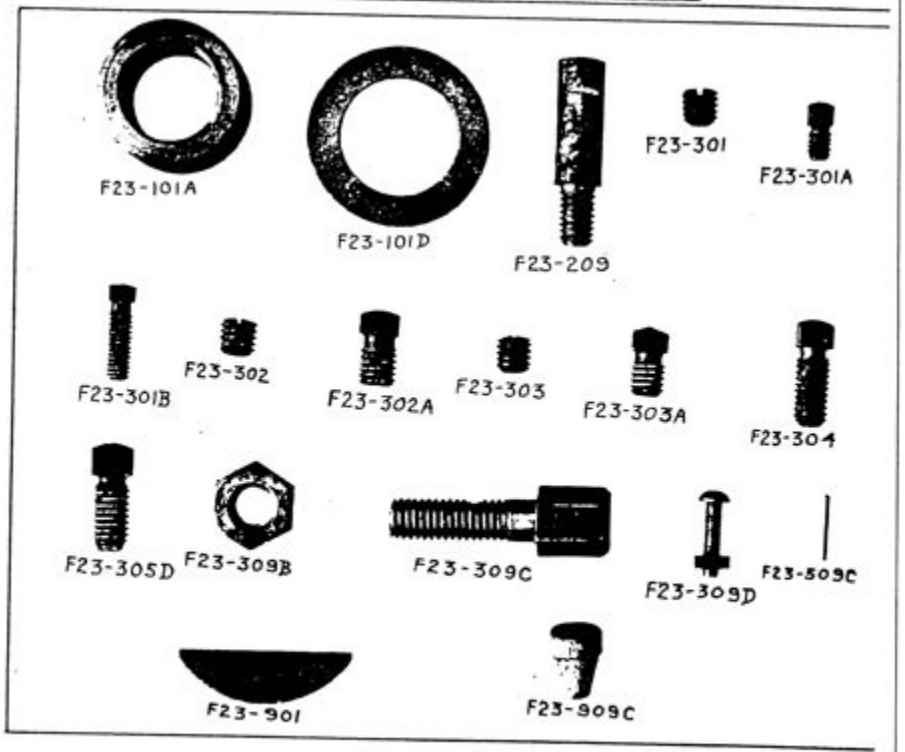
When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

Landis No. 12—Section No. F23

Cam and Hand Wheel

Part No.	Reqd.	Name of Part
F23-1	1	Take Up, Thread Lock and Needle Guide Cam.....(With Rolls)
F23-2	1	Shuttle, Needle, Thread Hook and Looper Cam.....(With Rolls)
F23-3	1	Awl, Presserfoot, Thread Lifter and Looper Cam.....(With Rolls)
F23-4	1	Feed and Thread Measure Cam.....(With Rolls)
F23-5D	2	Hand Wheel.....
F23-9C	1	Cam Cover.....
F23-101A	2	Cam Lever Shaft Set Collar.....
F23-101D	1	Spacing Washer for No. 4 Cam.....
F23-209	2	Cam Cover Pivot Stud.....
F23-301	2	Headless Set Screw for No. 1 Cam.....
F23-301A	2	Cam Lever Shaft Collar Set Screw.....
F23-301B	2	Cam Lever Shaft Set Screw.....
F23-302	1	Headless Set Screw for No. 2 Cam.....
F23-302A	1	Set Screw for No. 2 Cam.....
F23-303	1	Headless Set Screw for No. 3 Cam.....
F23-303A	1	Set Screw for No. 3 Cam.....
F23-304	1	Set Screw for No. 4 Cam.....
F23-305D	4	Set Screw for Hand Wheel.....
F23-309B	2	Cam Cover Supporting Screw Nut.....
F23-309C	2	Cam Cover Supporting Screw.....
F23-309D	4	Name Plate Retaining Bolt and Nut.....
F23-401AN	1	Cam Shaft.....
F23-401A	1	Cam Lever Shaft.....
F23-509C	2	Cam Cover, Wood Plug Ret. Pin.....
F23-901	4	Cam Shaft Key.....
F23-905B		Round Belt Hook.....
F23-909B	1	Name Plate on Cam Cover.....
F23-909C	2	Wood Plug for Support Screw.....



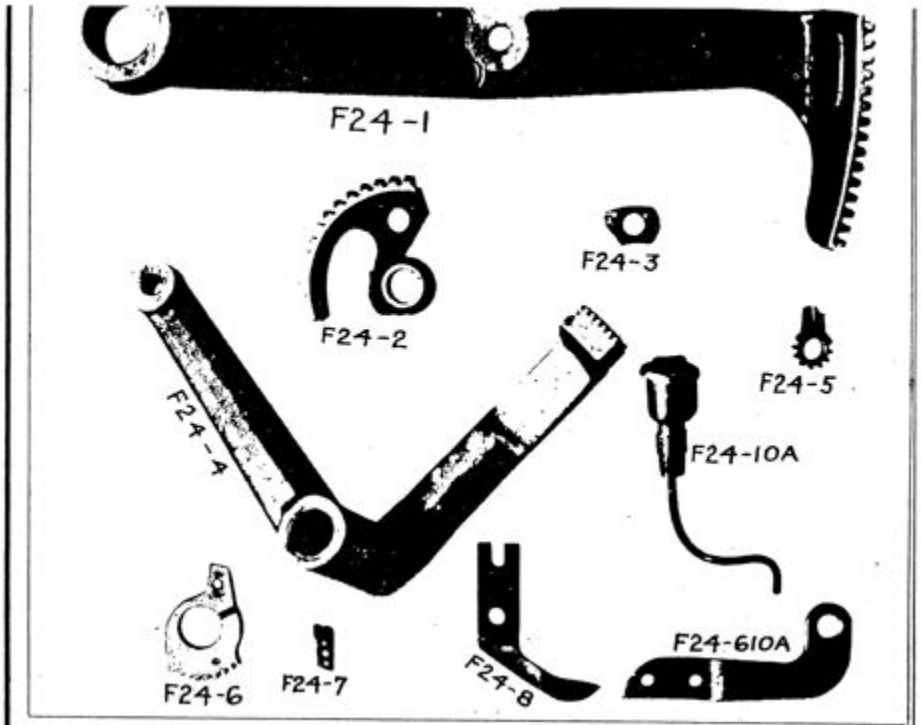


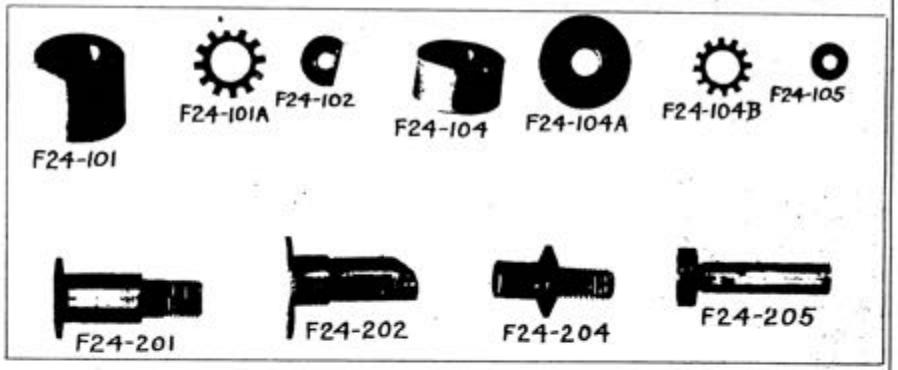
When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

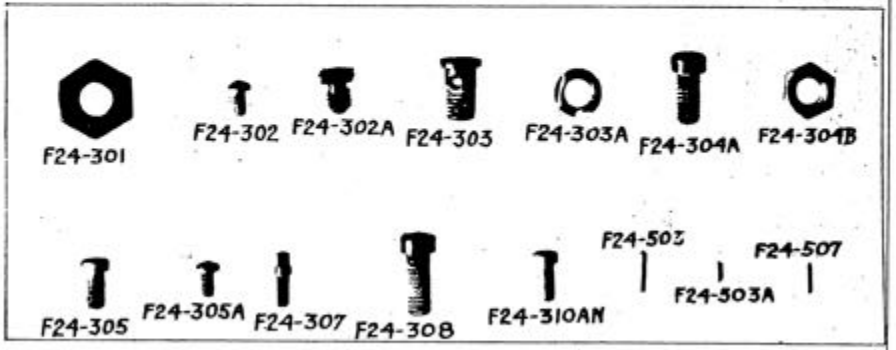
Landis No. 12—Section No. F24

Needle Mechanism

Part No.	Reqd.	Name of Part
F24-1	1	Needle Cam Lever with Stud and Nut
F24-2	1	Needle Segment
F24-4	1	Needle Guide Cam Lever with Stud and Nut
F24-5	1	Needle Guide Driving Segment
F24-6	1	Needle Guide Arm
F24-7	1	Needle Guide (See List on Page No. 14)
F24-8	1	Needle Plate (See List on Page No. 14)
F24-10A	1	Oiler for Needle Guide and Segment
F24-101	1	Needle Cam Lever Roll
F24-101A	1	Needle Cam Lever Nut, Lock Washer
F24-102	1	Needle Segment Stud Washer
F24-104	1	Needle Guide Cam Lever Roll
F24-104A	1	Needle Guide Cam Lever Retaining Washer
F24-104B	1	Needle Guide Cam Lever Nut, Lock Washer
F24-105	1	Needle Guide Segment Retaining Washer
F24-110A	1	Bushing for Oiler
F24-201	1	Needle Cam Lever Roll Stud
F24-202	1	Needle Segment Stud
F24-204	1	Needle Guide Cam Lever Roll Stud
F24-205	1	Needle Guide Driving Segment Pinion
F24-301	1	Needle Cam Lever Roll Stud Nut
F24-302	1	Needle Segment Stud Washer Retaining Screw
F24-302A	1	Needle Segment Stud Set Screw (Old Style Square Head)
F24-302B	1	Needle Segment Stud Set Screw (New Style Hollow Head)
F24-303	1	Screw for Needle Clamp Block
F24-303A	1	Nut for Needle Clamp Block Screw
F24-304A	1	Needle Guide Cam Lever Retaining Washer Screw
F24-304B	1	Needle Guide Cam Lever Roll Stud Nut
F24-305	1	Needle Guide Driving Segment Binding Screw
F24-305A	1	Needle Guide Driving Segment Washer Screw
F24-307	1	Needle Guide Screw
F24-308	1	Needle Plate Retaining Screw
F24-310AN	2	Oiler Bracket Retaining Screw
F24-503	1	Needle Clamp Block Locating Pin
F24-503A	1	Needle Clamp Block Screw Locating Pin
F24-507	2	Needle Guide Dowel Pin
F24-610A	1	Oiler Bracket





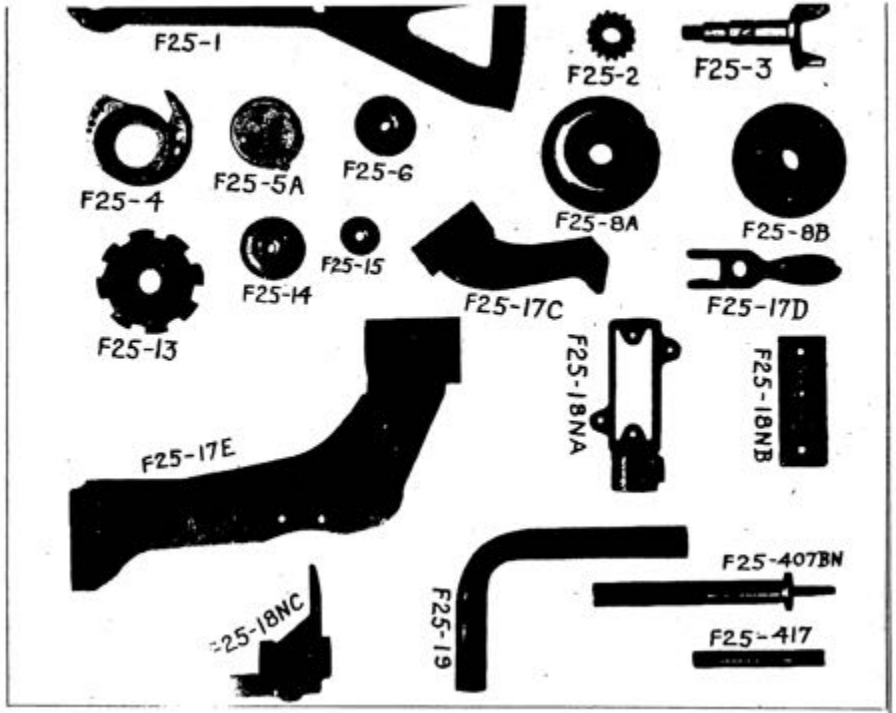


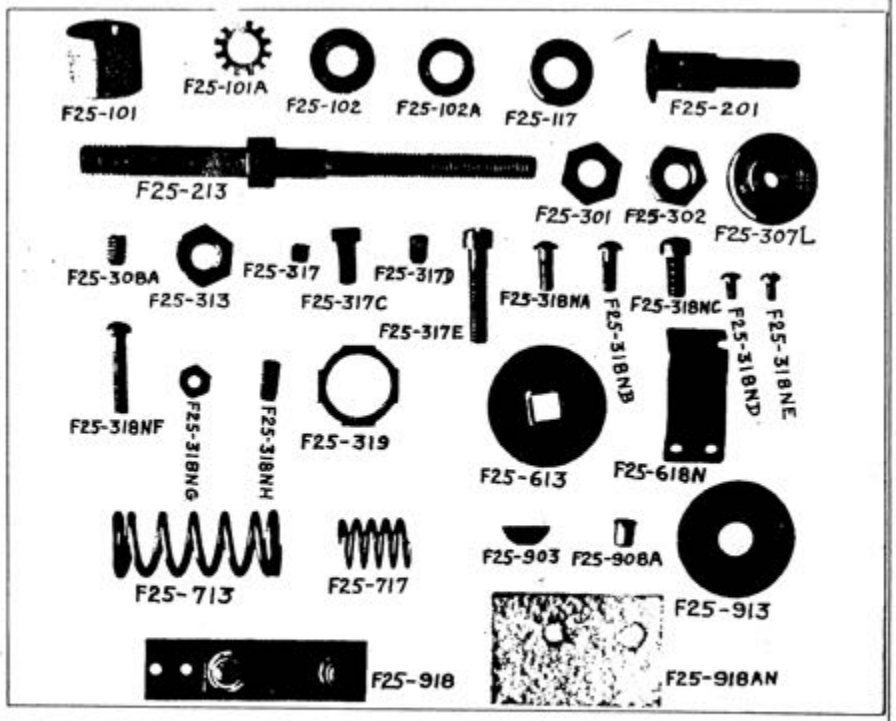
When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

Landis No. 12—Section No. F25

Shuttle and Bobbin Winder

Part No.	Reqd.	Name of Part
F25-1	1	Shuttle Cam Lever with Stud and Nut
F25-2	1	Shuttle Driver Pinion
F25-3	1	Shuttle Driver
F25-4	1	Shuttle
F25-5A	1	Bobbin Case Assembled—Order K25-5B
F25-6	1	Bobbin
F25-8A	1	Bobbin Winder Drive Pulley
F25-8B	1	Bobbin Winder Loose Pulley
F25-13	1	Bobbin Winder Tension Wheel
F25-14	1	Bobbin Winder Tension Spring Adjusting Disc
F25-15	1	Bobbin Winder Tension Spring Locking Disc
F25-17C	1	Bobbin Winder Belt Shifter Bracket
F25-17D	1	Bobbin Winder Belt Shifter Handle
F25-17E	1	Bobbin Winder Bracket
F25-18NA	1	Bobbin Winder Tension Wheel Heat Unit Guard
F25-18NB	1	Bobbin Winder Tension Wheel Heat Unit Guard Cover
F25-18NC	1	Bobbin Winder Tension Wheel Bracket
F25-19	1	Bobbin Winder Conduit
F25-101	1	Shuttle Cam Lever Roll
F25-101A	1	Shuttle Cam Lever Nut, Lock Washer
F25-102	1	Shuttle Driver Pinion Retaining Washer
F25-102A	1	Shuttle Driver Pinion Lock Washer
F25-117	1	Belt Shifter Adjusting Collar
F25-201	1	Shuttle Cam Lever Roll Stud
F25-213	1	Thread Tension Wheel Stud
F25-301	1	Shuttle Cam Lever Roll Stud Nut
F25-302	1	Shuttle Driver Pinion Retaining Nut
F25-307L	1	Bobbin, Lock Nut
F25-308A	1	Bobbin Winder Drive Pulley Set Screw
F25-313	1	Thread Tension Wheel Stud Nut
F25-317	1	Belt Shifter Adjusting Collar Set Screw
F25-317C	2	Belt Shifter Bracket Retaining Screw
F25-317D	1	Belt Shifter Handle Set Screw
F25-317E	2	Bobbin Winder Bracket Retaining Screw
F25-318NA	2	Bobbin Winder Tension Wheel Heat Unit Guard Ret. Screw
F25-318NB	2	Tension Wheel Heat Unit Guard Cover Ret. Screw
F25-318NC	2	Tension Wheel Bracket Retaining Screw
F25-318ND	2	Bobbin Winder Heat Unit Clamp Screw
F25-318NE	2	Bobbin Winder Heat Unit Retaining Screw
F25-318NF	1	Bobbin Winder Heat Unit Clamp Adjusting Screw
F25-318NG	1	Bobbin Winder Heat Unit Clamp Adjusting Screw Nut
F25-318NH	1	Heat Unit Guard Conduit Set Screw
F25-319	2	Bobbin Winder Conduit Lock Nut
F25-407BN	1	Bobbin Winder Shaft
F25-417	1	Bobbin Winder Belt Shifter Shaft
F25-505A	1	Bobbin Case Tension Spring Rivet
F25-505B	1	Bobbin Case Tension Cam Rivet
F25-605B	1	Bobbin Case Tension Cam
F25-613	1	Tension Wheel Spring Friction Disc
F25-618N	1	Bobbin Winder Heat Unit Clamp
F25-705A	1	Bobbin Case Tension Spring
F25-713	1	Thread Tension Wheel Spring
F25-717	1	Bobbin Winder Belt Shifter Spring
F25-903	1	Key for Shuttle Driver
F25-908A	1	Bobbin Winder Loose Pulley Oiler
F25-913	1	Tension Wheel Felt Washer, (small hole)
F25-918	1	Bobbin Winder Heat Unit
F25-918AN	1	Tension Wheel Bracket Asbestos Pad





)TE—Model F Parts shown on pages 26 and 27 will be shipped on order if ıilable. If a "Same-As-Part" or assembly used on Model G or K stitchers can be used, quotation will be given.

List of new Model F Stitcher parts not shown in this catalog

Landis No. 12—Section No. F22

Head Mechanism

ırt io.	Name of Part
:-3A	Bobbin Case Guide Arm
:-4N	Guide Arm Bracket
:-5A	Bobbin Case Guide Arm Operating Lever
:-5B	Bobbin Case Guide Arm Locking Lever
:-105A	Bobbin Case Guide Arm Operating Washer
:-203B	Bobbin Case Guide Arm Pivot Stud
:-205A	Bobbin Case Guide Arm Adj. Pivot Stud
:-205B	Locking Lever Stud
:-303C	Bobbin Case Guide Arm Pivot Set Screw
:-305A	Bobbin Case Guide Arm Operating Washer Nut
:-305B	Bobbin Case Guide Arm Adj. Pivot Stud Nut
:-703A	Bobbin Case Guide Arm Spring
:-705B	Locking Lever Spring
:-903	Bobbin Case Guide Arm Spring Sleeve

Landis No. 12—Section No. F23

Cam and Hand Wheel

3-5D	Hand Wheel
3-9D	Cam Cover
3-909E	Name Plate on Cam Cover

Landis No. 12—Section No. F31

Wax Pot and Electrical

1-44	Switch Box
1-44A	Switch Box Door
1-44B	Electric Unit Frame
1-45B	Thermostat Case Assembled
1-46	Switch Box to Column Conduit
1-47	Attachment Cord Connector
1-48	Motor Switch Box Complete
1-48	Motor Switch Box
1-48A	Motor Switch Box Cover
1-49	Pilot Light Socket
1-51	Main Switch Heating System. Lever Type
1-52	Motor Switch. Lever Type
1-53	Attachment Cord Complete
1-54	Electric Globe for Pilot and Work Light
1-54A	Electric Globe for Pilot and Work Light
1-56	Thermostat Tube
1-57	Work Light Shade
1-58	Work Light Socket
1-59	Work Light Flexible Cond. Conn
1-60	Work Light Flexible Cond
1-61	Motor Switch Box to Cond. Conn. Elbow
1-61A	Motor Switch Box Flexible Cond
1-61B	Motor Switch Box Flexible Cond. Straight Conn.
1-144	Switch Box Ret. Screw Lock Washer
1-144A	Electric Unit Frame Term. Block Term. Screw Washer
1-149	Pilot Light Socket Ret. Screw Washer
1-151	Main Switch Ret. Screw Washer
1-152	Motor Switch Ret. Screw Washer
1-244	Switch Box Door Locking Stud
1-344	Conduit Clamp Ret. Screw
1-344A	Fuse Block Ret. Screw
1-344B	Switch Box Ret. Screw
1-344C	Switch Plate Ret. Screw

(Section No. F31 continued on page 27)

These parts are used on Model F starting with Serial No. 26500.

Landis No. 12—Section No. F31

Wax Pot and Electrical

Part No.	Name of Part
F31-344D	Red Glass Ret. Plate Screw
F31-344E	Electric Unit Frame Ret. Screw
F31-344F	Fuse Clip Ret. Screw
F31-344G	Electric Unit Block Ret. Screw
F31-344H	Electric Unit Block Term. Screw
F31-344J	Electric Unit Block Term. Screw Nut
F31-344K	Fuse Terminal Screw
F31-345	Thermostat Case Ret. Screw
F31-348	Motor Switch Box Ret. Screw
F31-348A	Motor Switch Plate Ret. Screw
F31-348B	Motor Switch Box Cover Ret. Screw
F31-349	Pilot Light Socket Ret. Screw
F31-349A	Pilot Light Socket Ret. Screw Nut
F31-351	Main Switch Block Ret. Screw
F31-351A	Main Switch Connect. Screw Long
F31-351B	Main Switch Connect. Screw Nut
F31-351C	Main Switch Connect. Screw Short
F31-352	Motor Switch Block Ret. Screw
F31-352A	Motor Switch Connect. Screw
F31-352B	Motor Switch Connect. Screw Nut
F31-352C	Motor Switch Binding Post Screw
F31-359	Work Light Fixture Cond. Conn. Set Screw
F31-544	Hinge Pin for Switch Box Door
F31-630	Terminal Block Junction Link
F31-644	Conduit Clamp
F31-644A	Red Glass Ret. Plate
F31-651	Main Switch Plate
F31-652	Motor Switch Plate
F31-943V	Rubber Bushing for Lead in Cord Connector
F31-944	Fuse Block
F31-944A	Fuse Terminal
F31-944B	Fuse Clip
F31-944C	Fuse Block Insulator
F31-944D	8 Ampere Cartridge Fuse
F31-944E	Electric Unit Frame Term. Block
F31-944F	Electric Unit Frame Term. Block Insulator
F31-949	Pilot Light Socket Insulating Block
F31-951	Main Switch Block
F31-952	Motor Switch Block
F31-952A	Motor Switch Block Insulator

Landis No. 12—Section No. F32

Stand

F32-1A	Base	Not Available
F32-2A	Column	Not Available
F32-19	Switch Box Retaining Bracket	

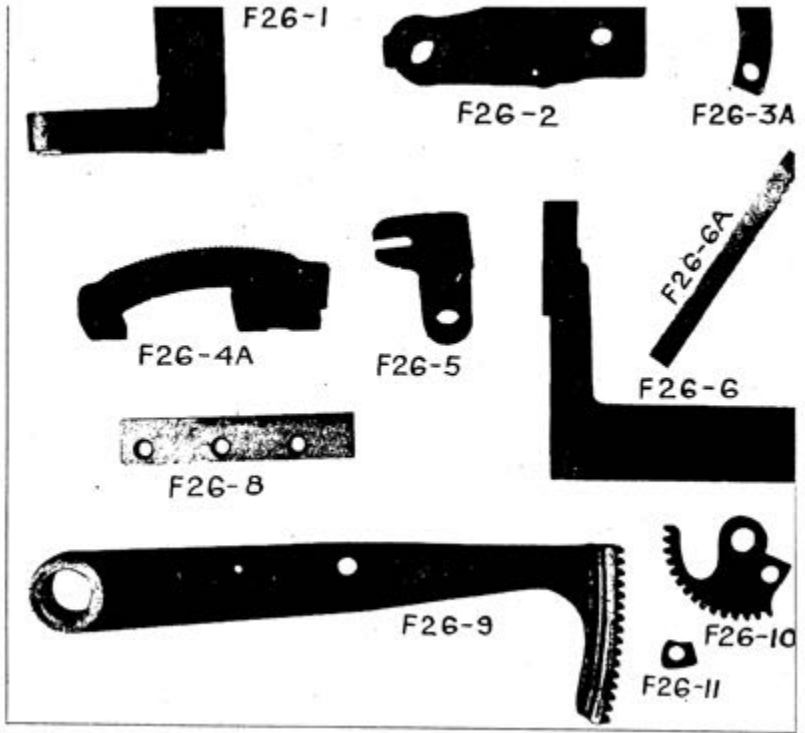
Motor Bracket

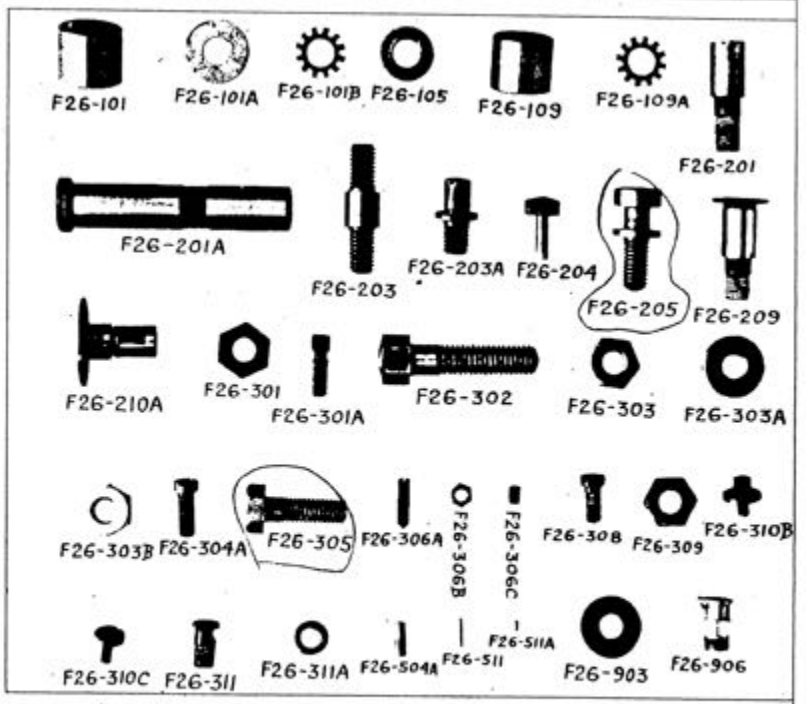
F32-32	Motor Bracket Bearing	Use New Style Motor Bracket No. K32-36A
F32-33	Drive Shaft Drive Pulley	
F32-34	Motor Bracket Adj. Rod	
F32-36	Motor Bracket	
F32-37	Motor Pulley	
F32-38	Adj. Rod Nut	
F32-332	Motor Bracket Bearing Ret. Screw	
F32-333	Drive Shaft Drive Pulley Set Screw	
F32-336	Motor Bracket Hinge Pin Set Screw	
F32-337	Set Screw for Motor Pulley	
F32-526	Motor Bracket Hinge Pin	
F32-534	Motor Bracket Adj. Rod Swivel Pin	
F32-934	Motor Bracket Adj. Rod Swivel Pin Cotter Pin	

Landis No. 12—Section No. F26

Feed and Awl Mechanism

Part No.	Reqd.	Name of Part
F26-1	1	Feed Cam Lever with Stud, Nut and F26-3a
F26-2	1	Feed Cam Lever Bracket
F26-3A	1	Feed Adjusting Lever Slide Block
F26-4A	1	Feed Adjusting Lever Index Plate
F26-5	1	Feed Adjusting Lever Bracket
F26-6	1	Feed Slide
F26-6A	1	Feed Slide Gib
F26-8	1	Feed Slide Retaining Plate (rear)
F26-9	1	Awl Cam Lever with Stud and Nut
F26-10	1	Awl Segment
F26-101	1	Feed Cam Lever Roll
F26-101A	1	Feed Cam Lever Roll Stud Spacing Washer
F26-101B	1	Feed Cam Lever Roll Stud Lock Washer
F26-105	1	Feed Adjusting Lever Bracket Binding Screw Washer
F26-109	1	Awl Cam Lever Roll
F26-109A	1	Awl Cam Lever Roll Stud Lock Washer
F26-201	1	Feed Cam Lever Roll Stud
F26-201A	1	Feed Cam Lever Pivot Stud
F26-203	1	Feed Adjusting Lever Pivot Stud
F26-203A	1	Feed Adjusting Lever Slide Block Pivot Stud
F26-204	1	Index Plate Stop Pin
F26-205	1	Adjusting Stud, for Feed Adjusting Lever Bracket
F26-209	1	Awl Cam Lever Roll Stud
F26-210A	1	Awl Segment Stud
F26-301	1	Feed Cam Lever Roll Stud Nut
F26-301A	1	Feed Cam Lever Pivot Stud Set Screw
F26-302	1	Feed Cam Lever Bracket Retaining Screw
F26-303	2	Feed Adjusting Lever Pivot Stud Nut
F26-303A	1	Feed Adjusting Lever Pivot Stud Adjusting Nut
F26-303B	1	Feed Adjusting Lever Slide Block Stud Nut
F26-304A	2	Index Plate Retaining Screw
F26-305	1	Feed Adjusting Lever Bracket Binding Screw
F26-306A	4	Feed Slide Gib Adjusting Screw
F26-306B	4	Feed Slide Gib Adjusting Screw Nut
F26-306C	1	Set Screw for Awl Segment Stud
F26-308	3	Feed Slide Retaining Plate, Retaining Screw
F26-309	1	Awl Cam Lever Roll Stud Nut
F26-310B	1	Awl Segment Stud Retaining Screw
F26-310C	1	Awl Segment Stud Retaining Screw Binding Screw
F26-311	1	Awl Clamp Block Binding Screw
F26-311A	1	Awl Clamp Block Binding Screw Nut
F26-504A	2	Index Plate Pin
F26-511	1	Awl Clamp Block Locating Pin
F26-511A	1	Awl Clamp Block Binding Screw Locating Pin
F26-903	1	Feed Adjusting Lever Friction Washer (leather)
F26-906	1	Oiler for Feed Slide





Landis No. 12—Section No. F27

Presserfoot and Thread Measure

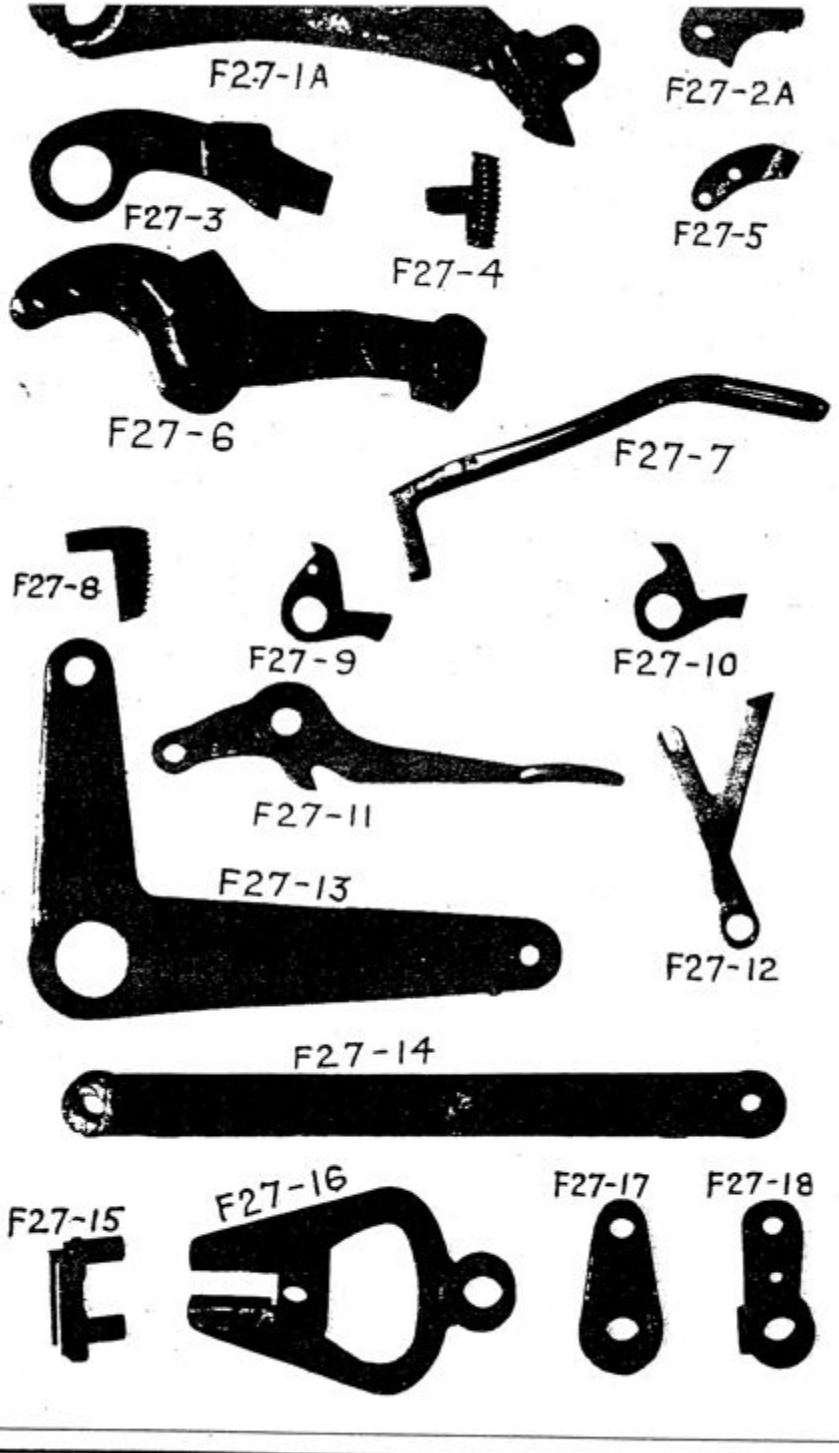
Part No.	Reqd.	Name of Part
27-1A	1	Presserfoot Cam Lever with Stud and Nut
27-2A	1	Presserfoot Cam Lever Pawl
27-3	1	Auxiliary Pressure Lever
27-4	1	Auxiliary Pressure Lever Ratchet
27-5		Presserfoot ..... (See List on page No. 14)
27-6	1	Presserfoot Lever
27-7	1	Presserfoot Raising Handle
27-8	1	Presserfoot Lever Ratchet
27-9	1	Presserfoot Lever Locking Pawl (outside)
27-10	1	Presserfoot Lever Locking Pawl (inside)
27-11	1	Presserfoot Unlocking Hand Lever
27-12	1	Presserfoot Unlocking Hand Lever Connection
27-13	1	Thread Measure Cam Lever with Stud and Nut
27-14	1	Thread Measure Cam Lever Connection
27-15	1	Thread Measure Adjusting Slide
27-16	1	Thread Measure Adjusting Bracket
27-17	1	Thread Measure Slide Block Lever
27-18	1	Thread Measure Thread Roll Lever ..... (with Roll, Guard and Set Screw $4.45)
27-101	1	Presserfoot Cam Lever Roll
27-101A	1	Presserfoot Cam Lever Roll Stud Lock Washer
27-106A	1	Presserfoot Lever Pawl Spring Stud Sleeve
27-109	1	Retaining Washer for Locking Pawls
27-113	1	Thread Measure Cam Lever Roll
27-114	1	Thread Measure Cam Lever Connection Retaining Washer
27-115	1	Thread Measure Adjusting Slide Retaining Washer
27-116	1	Thread Measure Adjusting Slide Block
27-117	1	Thread Measure Thread Roll
27-201	1	Presserfoot Cam Lever Roll Stud
27-201A	1	Presserfoot Cam Lever Pivot Stud
27-201B	1	Presserfoot Cam Lever Pawl Pressure Plug
27-202	1	Presserfoot Cam Lever Pawl Pivot Stud
27-206	1	Presserfoot Lever Pivot Stud
27-206A	1	Presserfoot Lever Spring Stud
27-206B	1	Presserfoot Lever Spring Tension Stud
27-209	1	Presserfoot Lever Locking Pawl Stud
27-212	1	Unlocking Hand Lever Connection Stud
27-213	1	Thread Measure Cam Lever Roll Stud

(Section No. F27 continued on page 31)

Landis No. 12—Section No. F27

Presserfoot and Thread Measure

Part No.	Reqd.	Name of Part
F27-214	1	Thread Measure Cam Lever Connection Stud
F27-216	1	Thread Measure Adjusting Bracket Eccentric Stud
F27-217	1	Slide Block Lever Slide Block Stud
F27-217A	1	Slide Block Lever Pivot Stud
F27-218	1	Thread Measure Thread Roll Stud
F27-301	1	Presserfoot Cam Lever Roll Stud Nut
F27-301A	1	Presserfoot Cam Lever Pivot Stud Set Screw
F27-304	2	Auxiliary Ratchet Retaining Screw
F27-305	2	Presserfoot Retaining Screw
F27-306	1	Presserfoot Lever Pivot Stud Set Screw
F27-306A	1	Presserfoot Lever Spring Stud Fulcrum Screw
F27-306B	1	Presserfoot Lever Spring Tension Stud Check Nut
F27-307	2	Presserfoot Raising Handle Retaining Screw
F27-308	2	Presserfoot Lever Ratchet Retaining Screw
F27-309	1	Presserfoot Locking Pawl Retaining Washer Screw
F27-309A	1	Presserfoot Locking Pawl Stud Nut
F27-312	1	Unlocking Hand Lever Connection Stud Nut
F27-314	1	Thread Measure Lever Connection Retaining Washer Screw
F27-315	1	Thread Measure Adjusting Slide Retaining Washer Screw
F27-316	1	Thread Measure Adjusting Bracket Eccentric Screw
F27-317	1	Slide Block Lever Slide Block Stud Nut
F27-317A	1	Slide Block Lever Set Screw
F27-317B	2	Copper Heat Plate Retaining Screw
F27-318	1	Thread Roll Lever Thread Roll Stud Nut
F27-318A	1	Thread Roll Lever Thread Roll Guard Retaining Screw
F27-318B	1	Thread Roll Lever Set Screw
F27-501A	1	Presserfoot Cam Lever Pawl Spring Plug
F27-502	1	Presserfoot Cam Lever Pawl Pressure Pin
F27-509	1	Presserfoot Lever Locking Pawl Pin
F27-617A	1	Copper Heat Plate for Thread Roll
F27-618	1	Thread Measure Thread Roll Guard
F27-701A	1	Presserfoot Cam Lever Pawl Pressure Spring
F27-706	1	Presserfoot Lever Spring
F27-709	1	Presserfoot Lever Locking Pawl Spring
F27-710	1	Presserfoot Lever Locking Pawl Spring
F27-711	1	Unlocking Hand Lever Spring
F27-716	1	Thread Measure Adjusting Bracket Spring
F27-902	1	Presserfoot Cam Lever Pawl Pivot Stud Cotter Pin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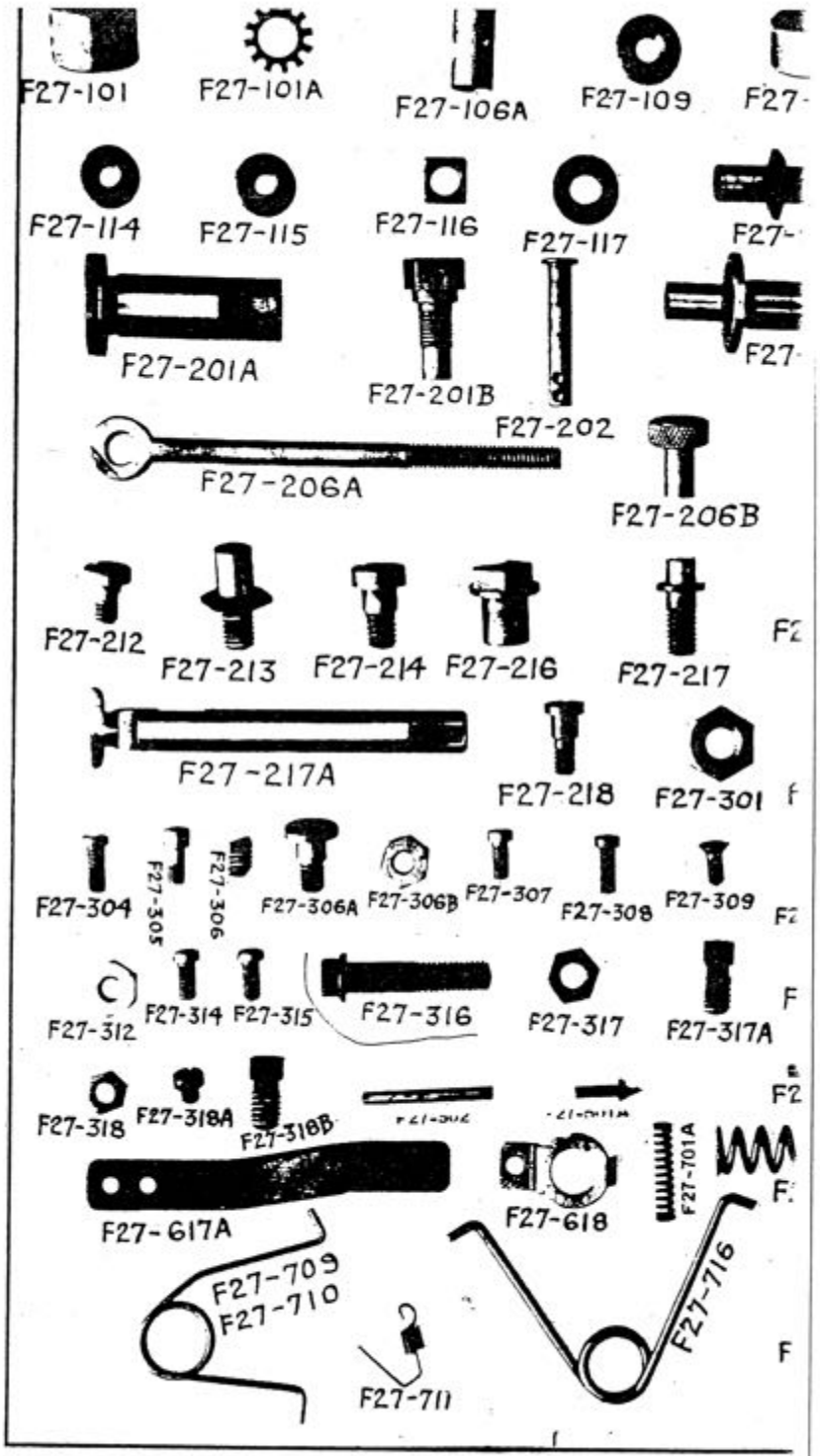
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F27-618
F27-701A
F27-709
F27-710
F27-711
F27-716

Landis No. 12—Section No. F28

Take Up and Thread Lock

Reqd.	Name of Part
1	Take Up Cam Lever with Stud and Nut
1	Take Up Cam Lever Connection
1	Take Up Lever (With F28-503A)
1	Take Up Lever Fulcrum Bracket
1	Auxiliary Take Up Lever
1	Thread Lock Cam Lever with Stud and Nut
1	Thread Lock Shaft Swivel Connection
1	Thread Lock Rocker Shaft Swivel
1	Thread Lock Rocker Shaft
1	Thread Lock Lever
1	Thread Tension Wheel
1	Thread Tension Spring Adjusting Disc
1	Thread Tension Spring Adjusting Disc Lock Nut
1	Auxiliary Take Up Bracket
1	Take Up Cam Lever Roll
1	Take Up Cam Lever Roll Stud Lock Washer
1	Take Up Lever Thread Roll
1	Take Up Lever Thread Roll Guard
1	Take Up Lever Fulcrum Bracket Bushing
1	Spacing Collar for Fulcrum Bracket Retaining Screw
1	Auxiliary Take Up Lever Thread Roll
1	Auxiliary Take Up Lever Spring Retaining Washer
1	Auxiliary Take Up Lever Fulcrum Stud Retaining Washer
1	Auxiliary Take Up Lever Fulcrum Stud Lock Washer
1	Thread Lock Cam Lever Roll
1	Retaining Washer for Rocker Shaft Swivel
1	Thread Lock Thread Roll
1	Thread Lock Thread Roll Retaining Washer
1	Thread Tension Wheel Friction Disc
2	Auxiliary Take Up Bracket Unit Clamp Screw Washer
1	Auxiliary Take Up Bracket Retaining Screw, Lock Washer
1	Take Up Cam Lever Roll Stud
1	Take Up Cam Lever Pivot Stud
1	Take Up Cam Lever Connection Stud
1	Take Up Lever Connection Stud
1	Take Up Lever Thread Roll Stud

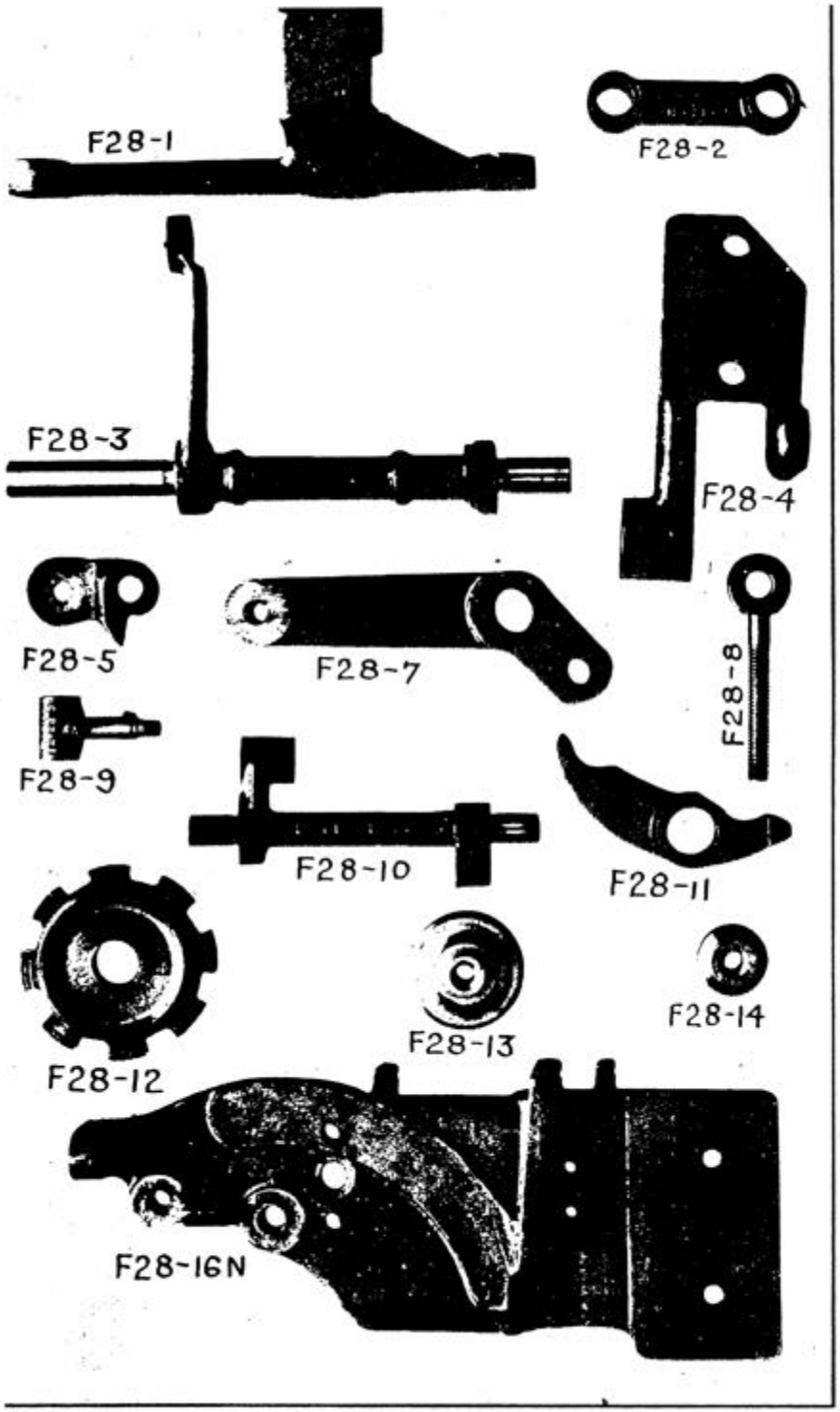
(Section No. F28 continued on page 35)

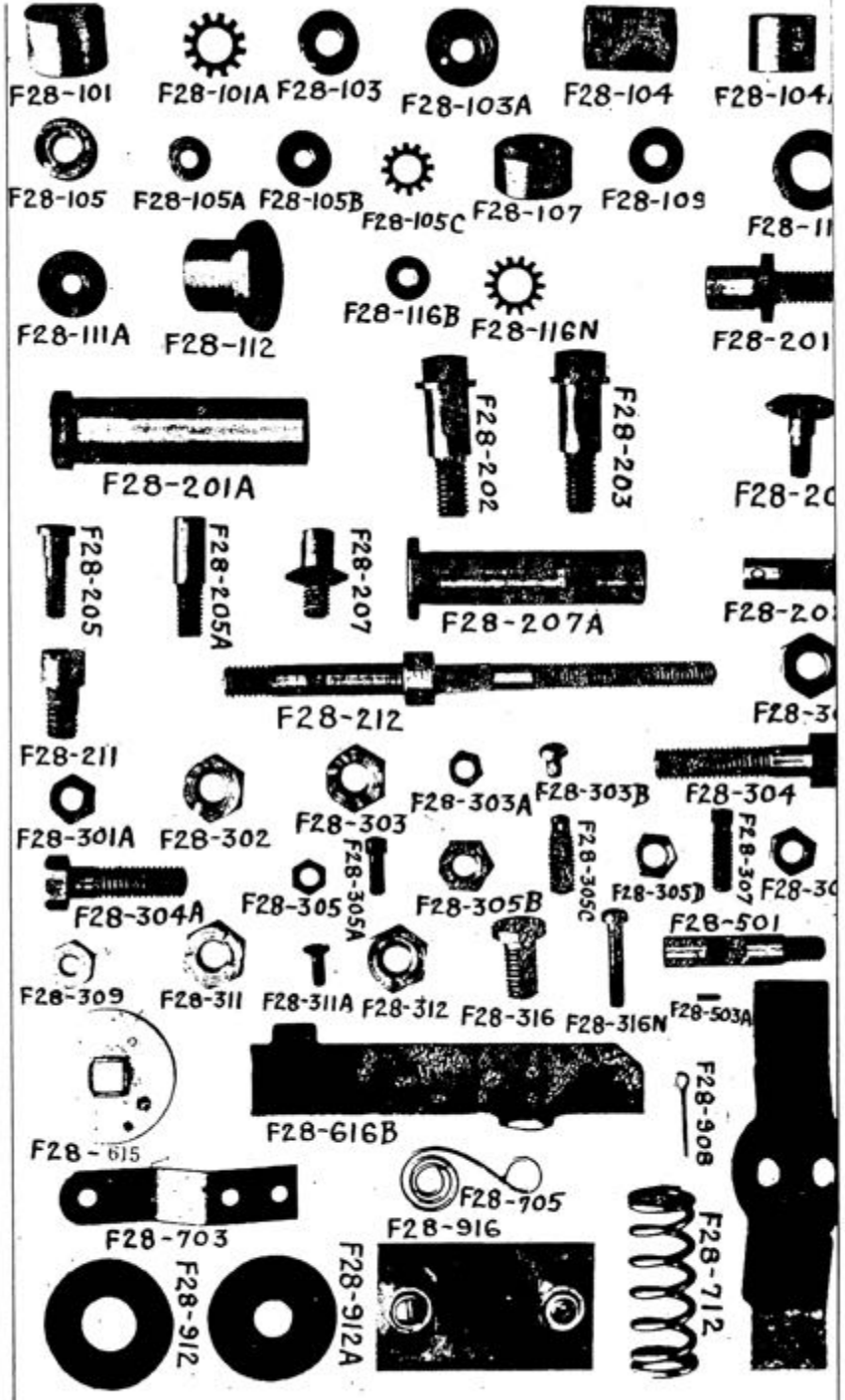
When ordering parts the SERIAL NUMBER of your machine MUST be given.

Landis No. 12—Section No. F28

Take Up and Thread Lock

Part No.	Reqd.	Name of Part
F28-205	1	Auxiliary Take Up Lever Thread Roll Stud
F28-205A	1	Auxiliary Take Up Lever Fulcrum Stud
F28-207	1	Thread Lock Cam Lever Roll Stud
F28-207A	1	Thread Lock Cam Lever Pivot Stud
F28-208	1	Thread Lock Rocker Shaft Swivel Connection Stud
F28-211	1	Thread Lock Roll Stud
F28-212	1	Thread Tension Wheel Stud
F28-301	1	Take Up Cam Lever Roll Stud Nut
F28-301A	1	Take Up Cam Lever Pivot Stud Binding Pin Nut
F28-301B	1	Take Up Cam Lever Pivot Stud Retaining Screw
F28-302	1	Take Up Cam Lever Connection Stud Nut
F28-303	1	Take Up Lever Connection Stud Nut
F28-303A	1	Take Up Lever Thread Roll Stud Nut
F28-303B	2	Take Up Lever Friction Spring Retaining Screw
F28-304	1	Fulcrum Bracket Retaining Screw (Long)
F28-304A	1	Fulcrum Bracket Retaining Screw (Short)
F28-305	1	Auxiliary Take Up Lever Thread Roll Stud Nut
F28-305A	1	Auxiliary Take Up Lever Spring Retaining Washer Screw
F28-305B	1	Auxiliary Take Up Lever Pivot Stud Nut
F28-305C	1	Auxiliary Take Up Lever Adjusting Screw
F28-305D	1	Auxiliary Take Up Lever Adjusting Screw Nut
F28-307	1	Thread Lock Cam Lever Pivot Stud Set Screw
F28-308	2	Thread Lock Rocker Shaft Swivel Connection Adjusting Nut
F28-309	1	Thread Lock Rocker Shaft Swivel Nut
F28-311	1	Thread Lock Roll Stud Nut
F28-311A	1	Thread Lock Roll Retaining Washer Screw
F28-312	1	Thread Tension Wheel Stud Nut
F28-316	1	Auxiliary Take Up Bracket Retaining Screw
F28-316N	2	Auxiliary Take Up Bracket Heat Unit Clamp Screw
F28-503A	1	Take Up Lever Thread Roll Guard Locating Pin
F28-615	1	Tension Wheel Spring Friction Disc
F28-616B	1	Take Up Bracket Heat Unit Oil Guard
F28-616NA	1	Auxiliary Take Up Bracket Heat Unit Clamp
F28-703	1	Take Up Lever Friction Spring
F28-705	1	Auxiliary Take Up Lever Spring
F28-712	1	Thread Tension Wheel Spring
F28-908	1	Cotter Pin for Rocker Shaft Swivel Connection Pin
F28-912	1	Thread Tension Wheel Felt Washer (inside)
F28-912A	1	Thread Tension Wheel Felt Washer (outside)
F28-916	1	Auxiliary Take Up Bracket Heat Unit


F28-1
F28-2
F28-3
F28-4
F28-5
F28-7
F28-8
F28-9
F28-10
F28-11
F28-12
F28-13
F28-14
F28-16N

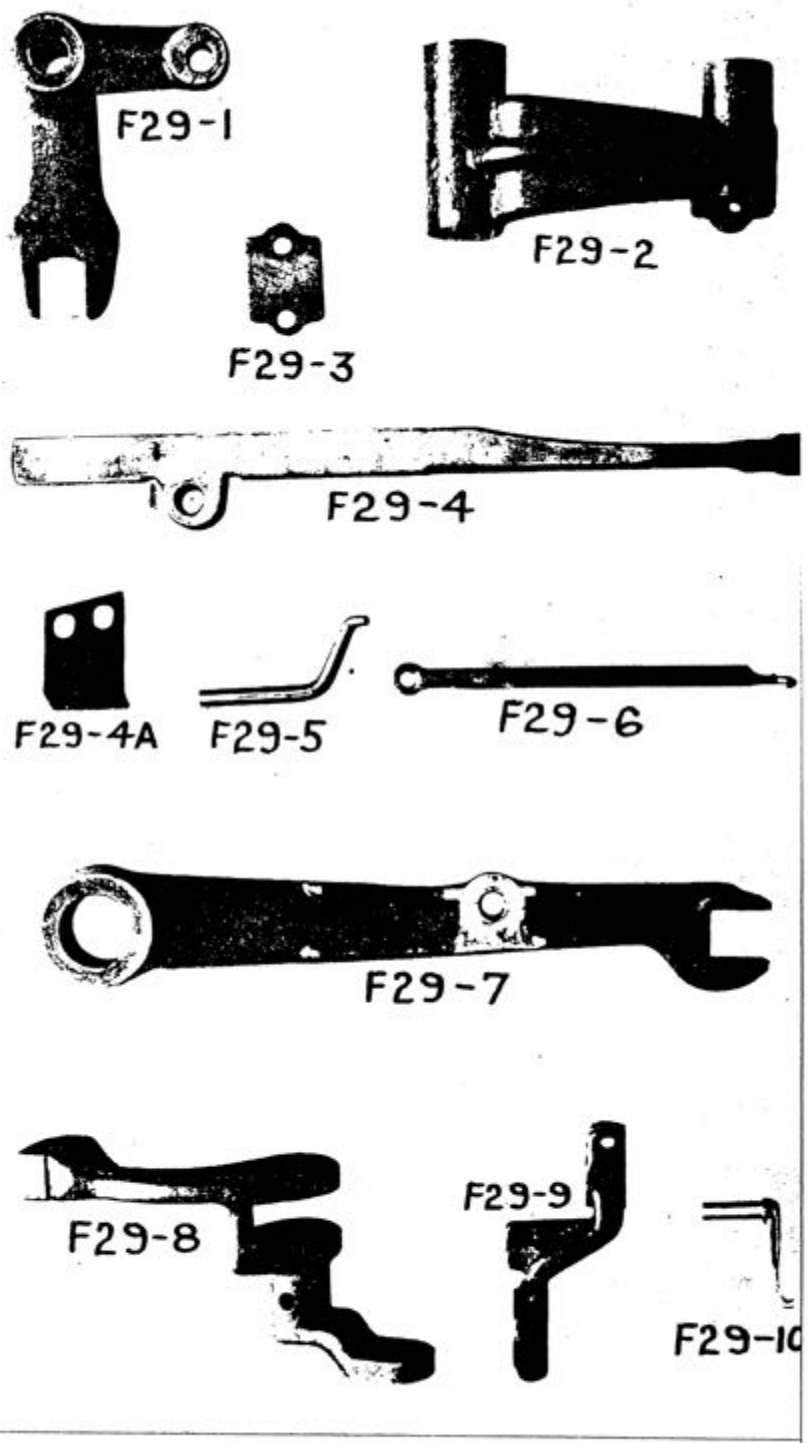

F28-101
F28-101A
F28-103
F28-103A
F28-104
F28-105
F28-105A
F28-105B
F28-105C
F28-107
F28-109
F28-111A
F28-112
F28-116B
F28-116N
F28-201
F28-201A
F28-202
F28-203
F28-205
F28-205A
F28-207
F28-207A
F28-212
F28-211
F28-301A
F28-302
F28-303
F28-303A
F28-303B
F28-304
F28-304A
F28-305
F28-305A
F28-305B
F28-305C
F28-305D
F28-307
F28-501
F28-309
F28-311
F28-311A
F28-312
F28-316
F28-316N
F28-503A
F28-615
F28-616B
F28-703
F28-705
F28-708
F28-712
F28-912
F28-912A
F28-916

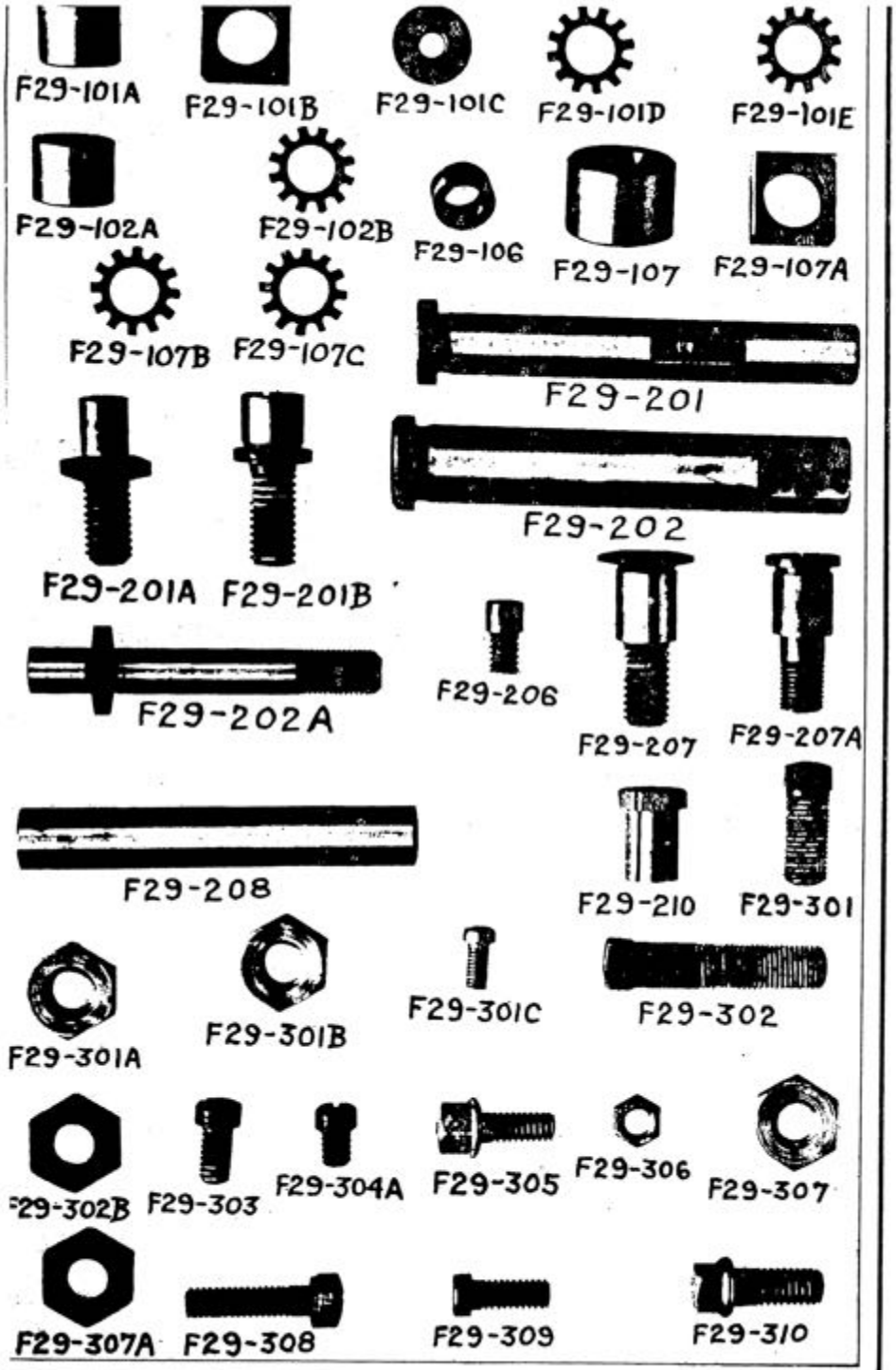
When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

Landis No. 12—Section No. F29

Looper and Thread Hook and Thread Lifter

Part No.	Reqd.	Name of Part
F29-1	1	Looper Cam Lever (forward motion) with Stud and Nut
F29-2	1	Looper Cam Lever (side motion)
F29-3	2	Looper Cam Lever Cap
F29-4	1	Looper Bar
F29-4A	1	Looper Bar Guide
F29-5	1	Looper (See List Page No. 14)
F29-6	1	Thread Hook with Stud and Nut
F29-7	1	Thread Lifter Cam Lever with Stud and Nut
F29-8	1	Thread Lifter Lever
F29-9	1	Thread Lifter Lever Stud Support Bracket
F29-10	1	Thread Lifter (See List Page No. 14)
F29-101A	1	Looper Cam Lever Roll (forward motion)
F29-101B	1	Looper Cam Lever Slide Block
F29-101C	1	Looper Cam Lever Slide Block Retaining Washer
F29-101D	1	Slide Block Stud Lock Washer
F29-101E	1	Looper Cam Lever Roll Stud Lock Washer
F29-102A	1	Looper Cam Lever Roll (side motion)
F29-102B	1	Looper Cam Lever Roll Stud, Lock Washer
F29-106	1	Thread Hook Cam Roll
F29-107	1	Thread Lifter Cam Lever Roll
F29-107A	1	Thread Lifter Lever Slide Block
F29-107B	1	Thread Lifter Cam Lever Roll Stud, Lock Washer
F29-107C	1	Thread Lifter Lever Slide Block Stud, Lock Washer
F29-201	1	Pivot Stud Forward Motion Looper Cam Lever
F29-201A	1	Roll Stud Forward Motion Looper Cam Lever
F29-201B	1	Slide Block Stud
F29-202	1	Pivot Stud, Side Motion Looper Cam Lever
F29-202A	1	Roll Stud, Side Motion Looper Cam Lever
F29-206	1	Thread Hook Cam Roll Stud
F29-207	1	Thread Lifter Cam Lever Roll Stud
F29-207A	1	Thread Lifter Slide Block Stud
F29-208	1	Thread Lifter Lever Pivot Stud
F29-210	1	Thread Lifter Eccentric Stud
F29-301	1	Looper Cam Lever Forward Motion Pivot Stud Set Screw
F29-301A	1	Looper Cam Lever Roll Stud Nut
F29-301B	1	Slide Block Stud Nut
F29-301C	1	Slide Block Retaining Washer Screw
F29-302	1	Looper Cam Lever Side Motion Pivot Stud Set Screw
F29-302B	1	Looper Cam Lever Roll Stud Nut
F29-303	4	Looper Cam Lever Cap Retaining Screw
F29-304A	2	Looper Bar Guide Retaining Screw
F29-305	1	Looper Binding Screw
F29-306	1	Thread Hook Cam Roll Stud Nut
F29-307	1	Thread Lifter Cam Lever Roll Stud Nut
F29-307A	1	Thread Lifter Slide Block Stud Nut
F29-308	1	Thread Lifter Lever Pivot Stud Binding Screw
F29-309	2	Thread Lifter Lever Stud Support Bracket Clamp Screw
F29-310	1	Thread Lifter Binding Screw





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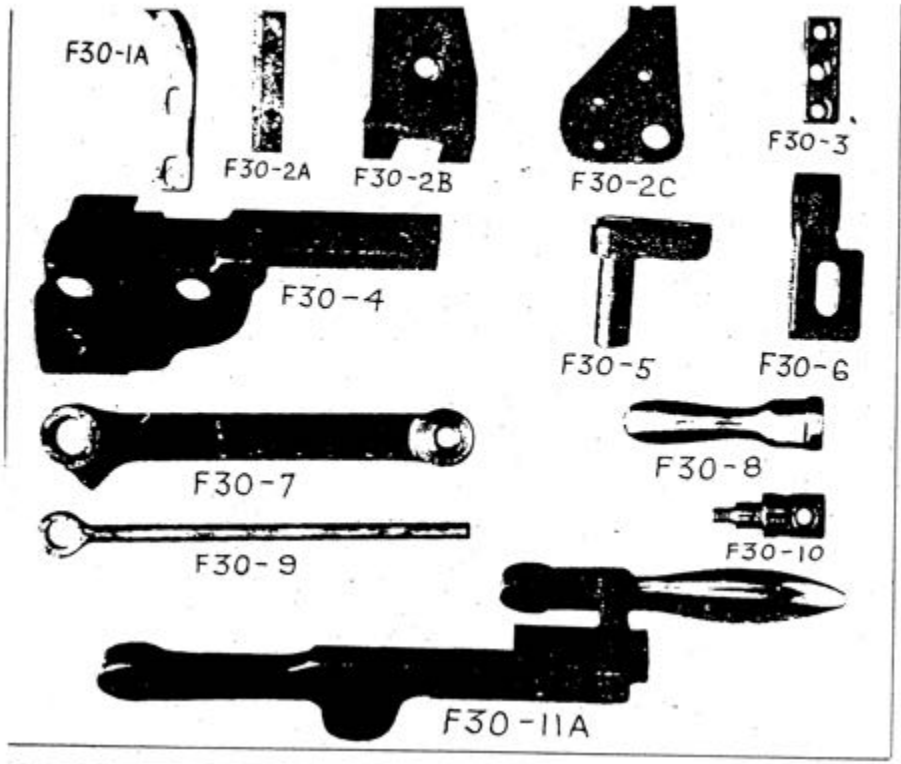
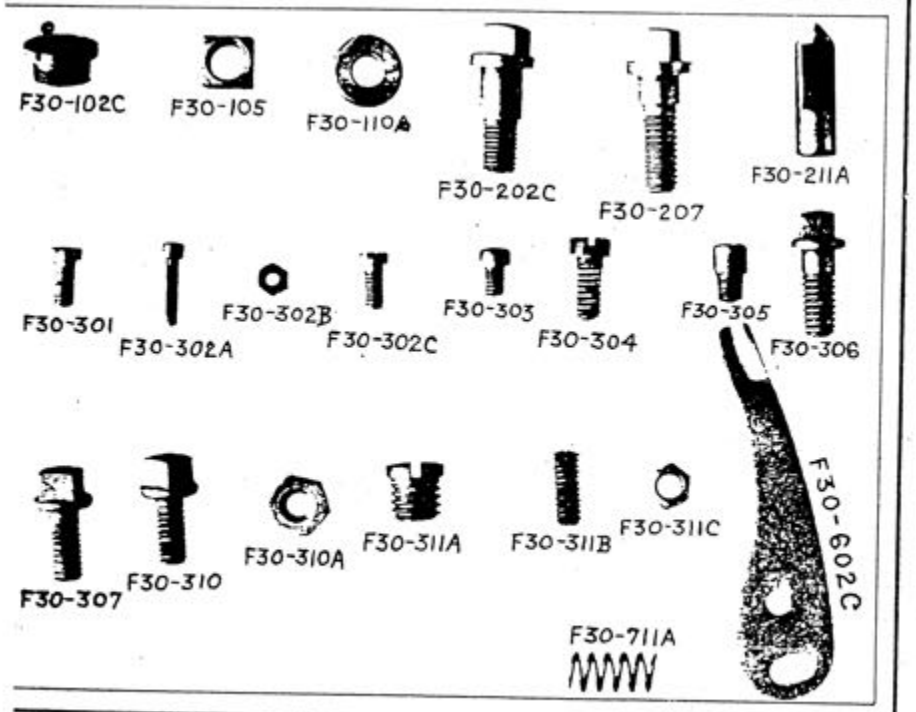
Landis No. 12—Section No. F30

Shoe Guide and Guard

Part No.	Reqd.	Name of Part
F30-1A	1	Shoe Guide
F30-2A	1	Guide Bracket Gib
F30-2B	1	Guide Bracket
F30-2C	1	Guide Bracket Swing Arm
F30-3	1	Guide Bracket Retaining Plate
F30-4	1	Guide Bracket Base Plate
F30-5	1	Guide Bracket Rocker Arm
F30-6	1	Rocker Arm Fulcrum Bracket
F30-7	1	Rocker Arm Connection
F30-8	1	Rocker Arm Shifter Handle
F30-9	1	Rocker Arm Swivel Connection
F30-10	1	Rocker Arm Swivel
F30-11A	1	Feed and Guide Handle
F30-102C	1	Guide Bracket Swing Arm Stud Bushing
F30-105	1	Rocker Arm Slide Block
F30-110A	1	Rocker Arm Swivel Retaining Washer
F30-202C	1	Guide Bracket Swing Arm Pivot Stud
F30-207	1	Rocker Arm Connection Stud
F30-211A	1	Plunger for Feed and Guide Handle
F30-301	2	Shoe Guide Retaining Screw
F30-302A	2	Guide Bracket Gib Adjusting Screw
F30-302B	2	Guide Bracket Gib Adjusting Screw Nut
F30-302C	2	Shoe Guard Retaining Screw
F30-303	2	Guide Bracket Retaining Plate Retaining Screw
F30-304	3	Guide Bracket Base Plate Retaining Screw
F30-305	1	Slide Block Pivot Screw
F30-306	1	Fulcrum Bracket Retaining Screw
F30-307	1	Rocker Arm Connection Binding Screw
F30-310	1	Swivel Binding Screw
F30-310A	1	Swivel Retaining Nut
F30-311A	1	Feed and Guide Handle Spring Screw
F30-311B	1	Feed and Guide Handle Plunger Screw
F30-311C	1	Feed and Guide Handle Plunger Screw Nut
F30-602C	1	Shoe Guard
F30-711A	1	Feed and Guide Handle Plunger Spring
30-109		Clamp
30-309		Screw





When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

Landis No. 12—Section No. F31

Wax Pot and Electrical

Check With Factory For Substitute on Items Marked Not Availabl

Part No.	Reqd.	Name of Part	
F31-24	1	Wax Pot (Bronze) Assembled	Not Available
F31-24	1	Wax Pot (Bronze)	Not Available
F31-24N	1	Wax Pot Lid	Not Available
F31-25A	1	Tool Shelf Bracket	Not Available
F31-25B	1	Tool Shelf	Not Available
F31-25D	1	Heat Guard for Tool Shelf	Not Available
F31-26N	1	Thread Guide	Not Available
F31-42N	1	Switch Box Conduit	
F31-43A		Attachment Plug	
F31-43AN	1	Attachment Plug Complete	
F31-43MS	1	Motor Switch	
F31-43N	1	Switch Box	Not Available
F31-43NA	1	Switch Box Cover	Not Available
F31-43NB	1	Switch Box Electric Unit Frame	Not Available
F31-43NC	1	Switch Box for Motor Switch	Not Available
F31-43ND	1	Switch Box Cover for Motor Switch	Not Available
F31-43P	1	Lamp Pilot....(4-C. P.)	See Supp
F31-43PA	1	Lamp Socket	Not Available
F31-43S	1	Main Switch, Heating System	
F31-43T	1	Motor Switch Box to Conduit Connector Elbow	
F31-49	1	Attachment Cord	
F31-50	1	Rheostat	Not Available
F31-125	2	Heat Guard Tool Shelf Bolt Lock Washer	
F31-125A	4	R. and L. Hand Heat Guards Retaining Screw, Lock Washer	
F31-128	1	Wax Pot Thread Roll	
F31-143A	2	Attachment Plug Retaining Screw Washer	
F31-143B	1	Motor Switch Electric Wire Bushing	
F31-143MS	8	Motor Switch Retaining Screw Washer	
F31-143N	6	Electric Unit Block Terminal Screw, Washer	
F31-143NH	2	Switch Box Retaining Screw, Lock Washer	
F31-143S	8	Main Switch Retaining Screw, Washer	
F31-208A	2	Stripper Stud	
F31-225	1	Tool Shelf Clamping Stud	
F31-228	1	Wax Pot Thread Roll Stud	
F31-324	2	Wax Pot to Take Up Bracket Retaining Screw	
F31-324A	2	Wax Pot Stripper Screw	
F31-324B	2	Wax Pot Stripper Binding Nut	
F31-324E	1	Wax Pot Auxiliary Lid Retaining Screw	
F31-324G	1	Wax Pot Lid Clamp Retaining Screw	
F31-325	2	Shelf Bracket Retaining Screw	

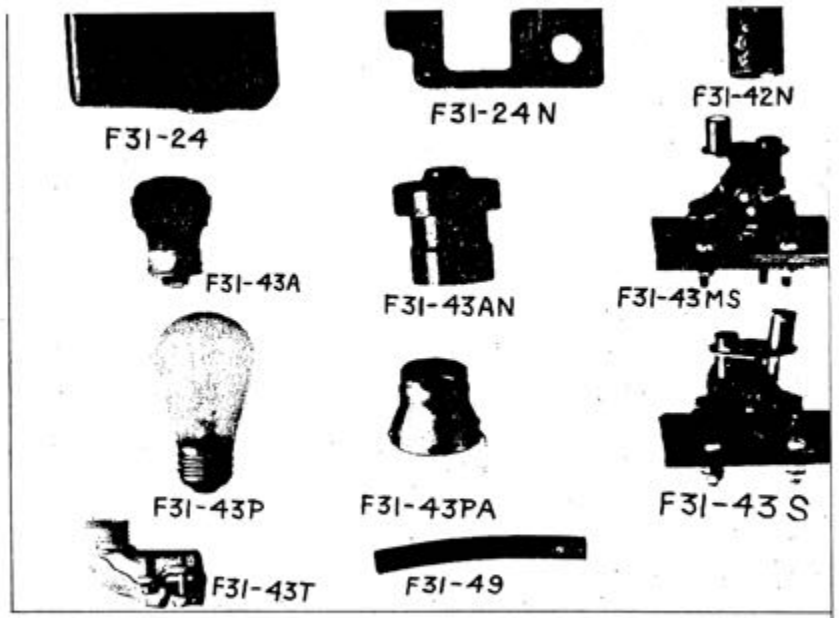
(Section No. F31 continued on page 44)

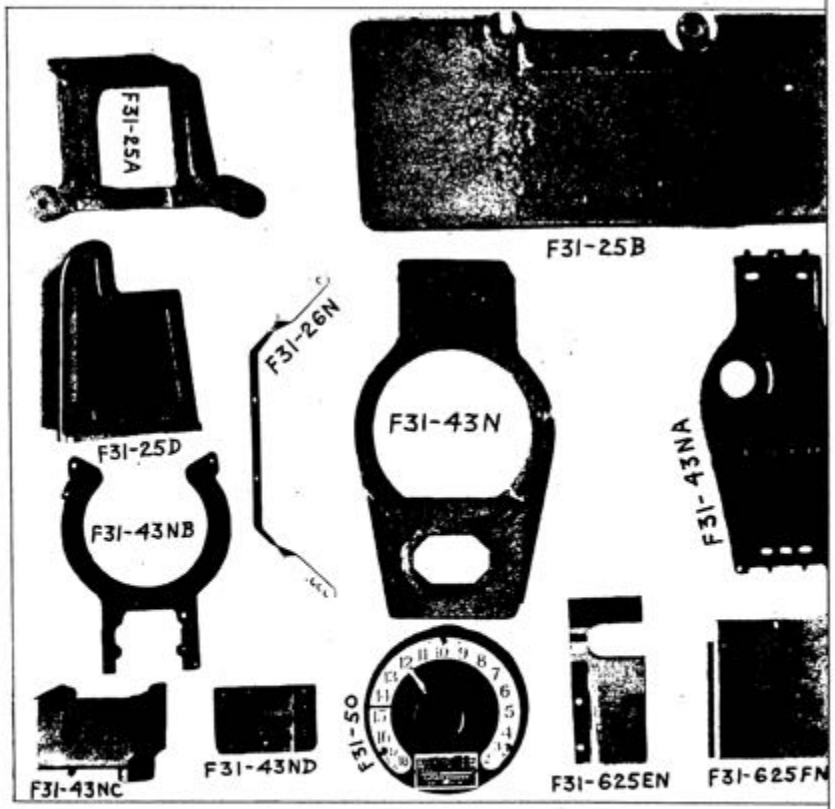
When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

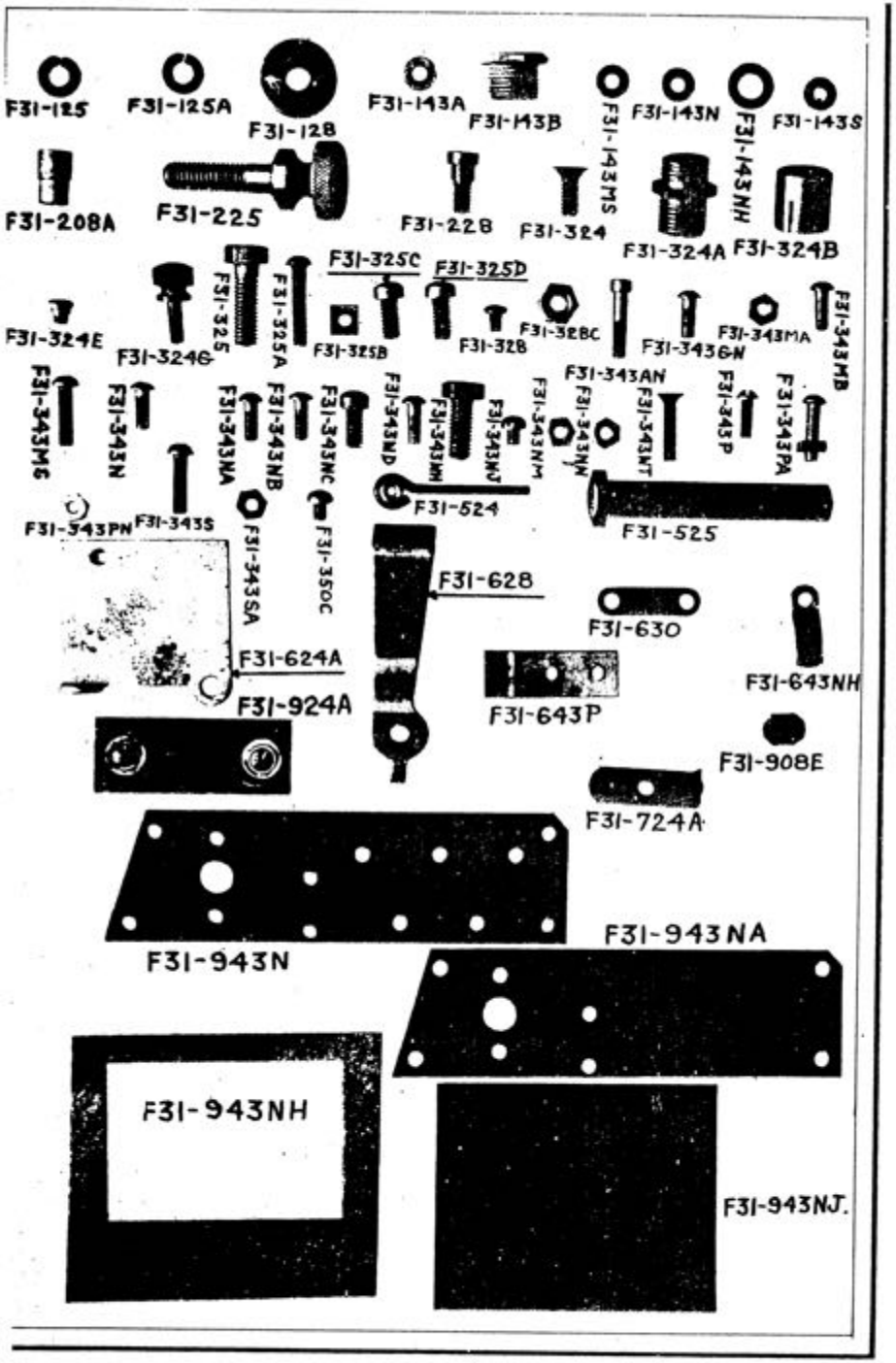
Landis No. 12—Section No. F31

Wax Pot and Electrical

Part No.	Reqd.	Name of Part
F31-325A	2	Heat Guard Tool Shelf Retaining Screw
F31-325B	2	Heat Guard Tool Shelf Retaining Screw Nut
F31-325C	2	L. H. Heat Guard Retaining Screw
F31-325D	2	R. H. Heat Guard Retaining Screw
F31-328	2	Wax Pot Thread Roll Bracket Retaining Screw
F31-328C	1	Wax Pot Thread Roll Stud Nut
F31-343AN	2	Attachment Plug Retaining Screw
F31-343GN	2	Main Switch Block Retaining Screw
F31-343MA	8	Motor Switch Retaining Screw Nut
F31-343MB	2	Motor Switch Block Retaining Screw
F31-343MS	4	Motor Switch Retaining Screw
F31-343N	4	Electric Unit Block Retaining Screw
F31-343NA	3	Switch Box Cover Retaining Screw
F31-343NB	4	Electric Unit Frame Retaining Screw
F31-343NC	2	Motor Switch Box Retaining Screw
F31-343ND	3	Motor Switch Box Lid Retaining Screw
F31-343NH	2	Switch Box Retaining Screw
F31-343NJ	2	Glass Retaining Clamp Screw
F31-343NM	2	Attachment Plug Retaining Screw Nut
F31-343NN	10	Electric Unit Block Terminal Screw Nut
F31-343NT	5	Electric Unit Block Terminal Screw
F31-343P	2	Lamp Socket Retaining Screw
F31-343PA	2	Lamp Socket Bracket Retaining Screw and Nut
F31-343PN	2	Lamp Socket Retaining Screw Nut
F31-343S	4	Main Switch Retaining Screw
F31-343SA	8	Main Switch Retaining Screw Nut
F31-350C	3	Rheostat Retaining Screw
F31-524	1	Wax Pot Lid Thread Guide Retainer Assembled
F31-525	1	Tool Shelf Hinge Pin
F31-624A	1	Wax Pot Auxiliary Lid
F31-625EN	1	Heat Guard, Left Hand
F31-625FN	1	Heat Guard, Right Hand
F31-628	1	Wax Pot Thread Roll Bracket
F31-630	2	Terminal Block Junction Link (Copper)
F31-643NH	2	Red Glass Retaining Clamp
F31-643P	2	Pilot Lamp Socket Bracket
F31-664A	1	Conduit Clamp
F31-724A	1	Wax Pot Lid Clamp Spring
F31-908E	2	Wax Pot Stripper Rubber (See List Page No. 14)
F31-924	1	Wax Pot Thread Guide (See F31-524 Assembled)
F31-924A	1	Wax Pot Heat Unit
F31-943N	1	Terminal Block
F31-943NA	1	Terminal Block Insulator
F31-943NH	1	Felt Paper Pad for Red Glass
F31-943NJ	1	Red Glass
F31-943V	1	Rubber Bushing for Lead-in Cord Connector
		Set of Wires to Heat Units







When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

Landis No. 12—Section No. F32

Stand

Part No.	Reqd.	Name of Part
F32-1N	1	Base.....Not Available
F32-2BN	1	Column.....Not Available
F32-2C	1	Take Up Lever Fulcrum Bracket Column Plate
F32-2D	1	Cover for Back Column
F32-4	2	Bearing Yoke
F32-5	2	Power Shaft Bearing
F32-6A	1	Power Friction Pulley
F32-7	1	Power Shifter Yoke
F32-8	1	Power Treadle
F32-9	2	Friction Disc Shifter Link
F32-10	1	Power Friction Disc
F32-11A	1	Power Belt Wheel with Friction Pads and Oiler
F32-12N	1	Switch Box Bracket
F32-13A	2	Motor Bridge
F32-13N	1	Motor Bracket
F32-14	1	Belt Guard — Not Available. Use K32-36A and Drill Column.
F32-14A	1	Upper Belt Guard Bracket
F32-14BN	1	Lower Belt Guard Bracket
F32-15A	1	Power Shaft Drive Pulley, 8-inch
F32-23AL	1	Left Hand Thread Holder
F32-23AR	1	Right Hand Thread Holder
F32-26		Four-inch Pulley
F32-26A		Three-inch Pulley
F32-26B		Six-inch Pulley
F32-101A	4	Stand to Column Connecting Bolt, Washer
F32-102B	1	Bushing for Electric Wires through Column
F32-103	2	Thrust Collar
F32-107	1	Power Treadle Shaft Collar
F32-112N	2	Switch Box Bracket Retaining Screw, Lock Washer
F32-113B	4	Motor Bridge Retaining Screw, Washer
F32-114A	1	Upper Belt Guard Bracket Retaining Screw, Washer
F32-114C	1	Upper Belt Guard Bracket Retaining Screw, Lock Washer
F32-118A	4	Motor Retaining Screw, Washer
F32-123	2	Thread Holder Pin Retaining Washer
F32-205	2	Shaft Bearing Lid Retaining Stud
F32-301A	4	Screw to hold Base to Column
F32-301B	4	Nut for Screw to hold Base to Column
F32-302B	2	Wax Drip Guard Retaining Screw
F32-302C	2	Take Up Fulcrum Bracket Column Plate Retaining Screw

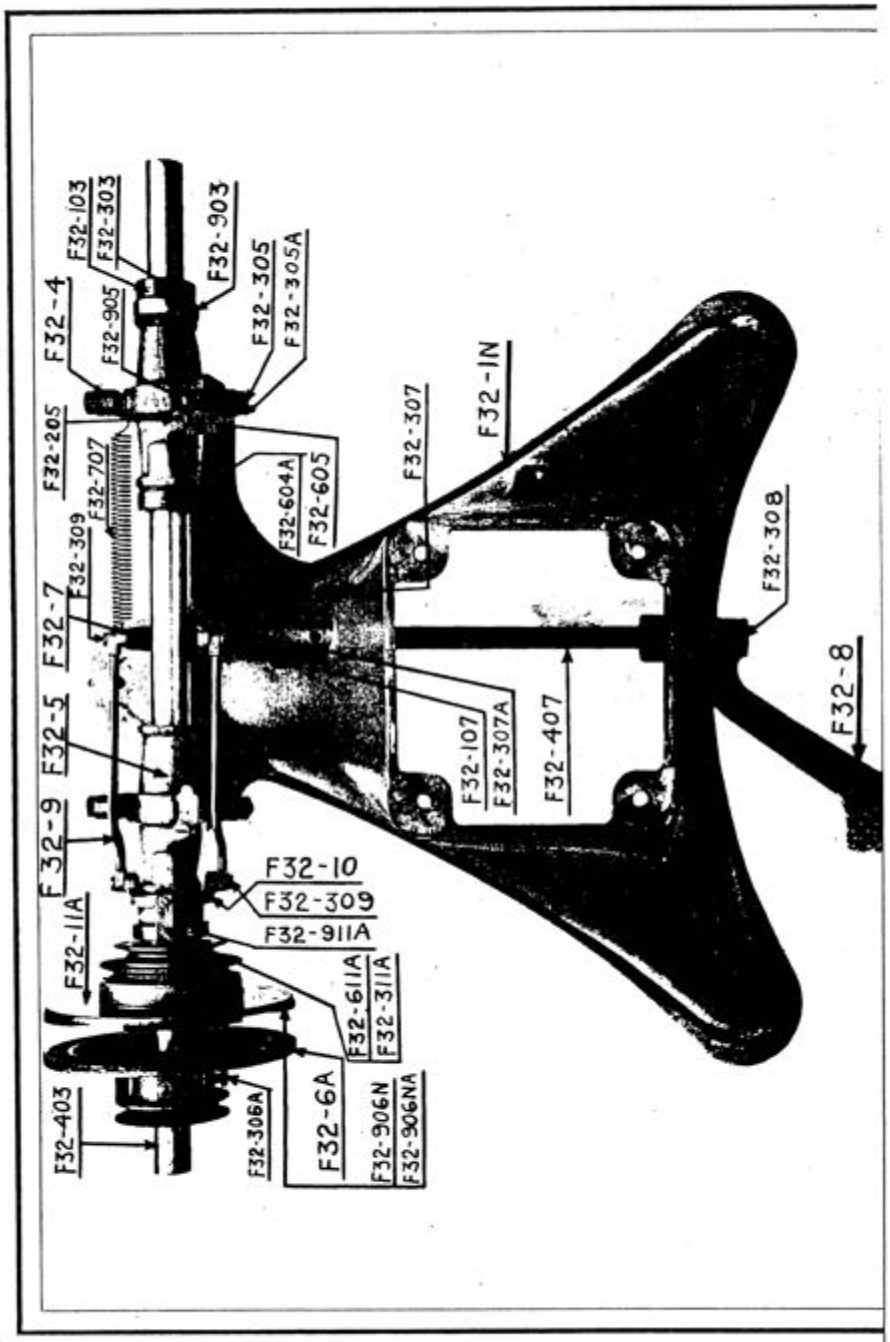
(Section No. F32 continued on page 48)

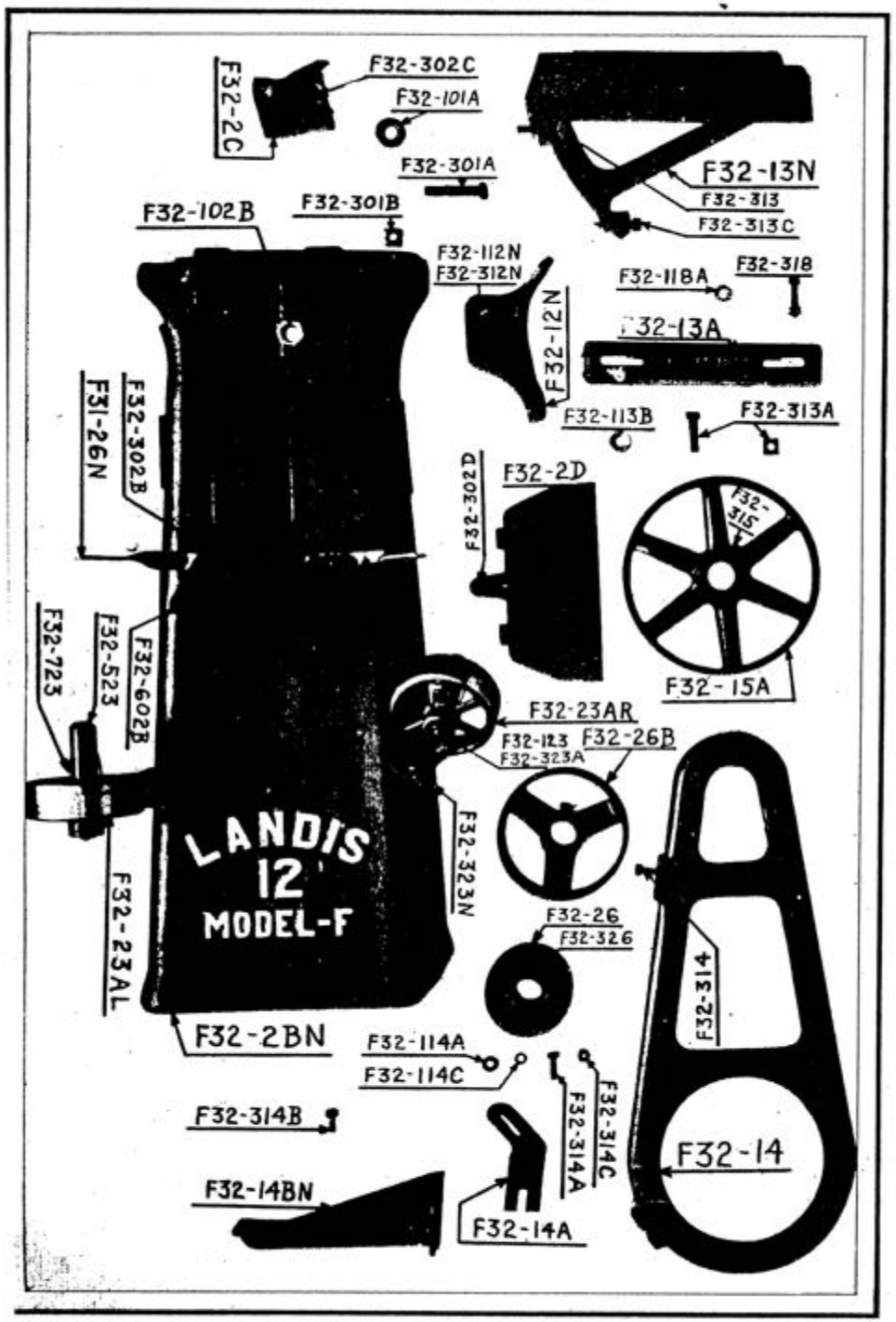
When ordering parts the **SERIAL NUMBER** of your machine **MUST** be given.

Landis No. 12—Section No. F32

Stand

Part No.	Reqd.	Name of Part
F32-302D	1	Cover for Back of Column Set Screw
F32-303	4	Thrust Collar Set Screw
F32-304	2	Power Shaft Bearing Yoke Set Screw
F32-305	4	Power Shaft Bearing Adjusting Screw
F32-305A	4	Power Shaft Bearing Adjusting Screw Nut
F32-306A	2	Power Friction Pulley Set Screw
F32-307	2	Power Shifter Yoke Set Screw
F32-307A	1	Power Treadle Shaft Set Collar Set Screw
F32-308	2	Power Treadle Set Screw
F32-309	4	Power Shifter Link Screw
F32-311A	2	Power Belt Wheel Releasing Arm Retaining Screw
F32-312N	2	Switch Box Bracket Retaining Screw
F32-313	2	Motor Bracket Retaining Screw
F32-313A	4	Motor Bridge Retaining Bolt and Nut
F32-313C	1	Motor Bracket Retaining Screw (long)
F32-314	2	Screw to Fasten Belt Guard to Brackets
F32-314A	1	Upper Belt Guard Bracket Retaining Screw
F32-314B	1	Lower Belt Guard Bracket Retaining Screw
F32-314C	1	Upper Belt Guard Bracket Retaining Screw Nut
F32-315	1	Power Shaft Drive Pulley Set Screw
F32-318	4	Motor Connecting Bolt and Nut
F32-323A	2	Thread Holder Pin Retaining Washer Screw
F32-323N	2	Thread Holder Retaining Screw
F32-326	1	Pulley Set Screw
F32-403	1	Power Shaft
F32-407	1	Power Treadle Shaft
F32-523	2	Thread Holder Pin (wood)
F32-602B	1	Wax Drip Guard
F32-604A	1	Power Shaft Bearing Fibre Washer
F32-605	2	Power Shaft Bearing Lid
F32-611A	2	Power Belt Wheel Releasing Arm
F32-707	1	Shifter Yoke Spring
F32-723	2	Thread Holder Spring
F32-903	2	Power Shaft Thrust Bearing
F32-905	2	Bearing Chain Oiler
F32-905A	2	Bearing Clean Out Plug
F32-906N	4	Leather Friction Pad
F32-906NA	8	Leather Friction Pad Retaining Rivet
F32-911A	1	Belt Wheel Oiler





FOR BEST RESULTS

Landis

Reg. U. S. Pat. Office

USE
LA
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LANDIS SPECIAL STITCHER OIL
is of the finest quality, and is recommended for use on
LANDIS No. 16
THIS OIL MUST NOT BE USED ON FINISHERS

OILS

LANDIS SPEC
FINISHER O
is of the finest quality
specially prepared for
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THIS OIL MUST
NOT
BE USED ON STITCI

USE GENUINE
LANDIS
YELLOW
LABEL
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THREAD

LANDIS MOTOR
ARE ESPECIALLY ADAPTED
TO THE PECULIAR REQUIREMENTS
SHOE MACHINERY

LANDIS NEEDLES AND AW

WRITE FOR FOLDER B. M. No. 4 FOR LANDIS BENCH TOO

SPLITTER, MODEL 30 SOLE TRIMMER, MODEL 26 SKIVER, MODEL